

8/25/2009

Item # 2

BARTON SPRINGS BYPASS

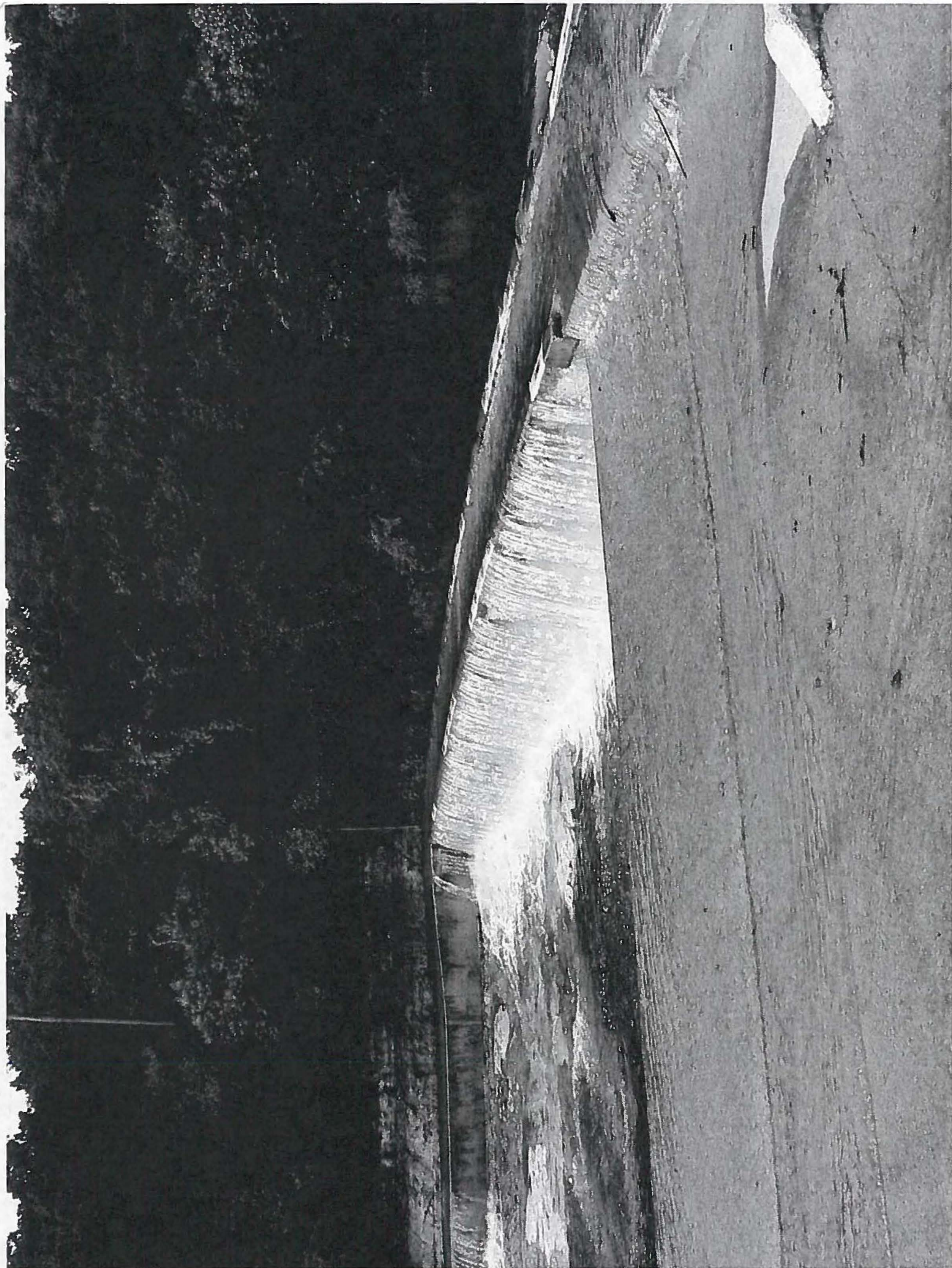
David A. Johns, P.G.
Watershed Protection Department

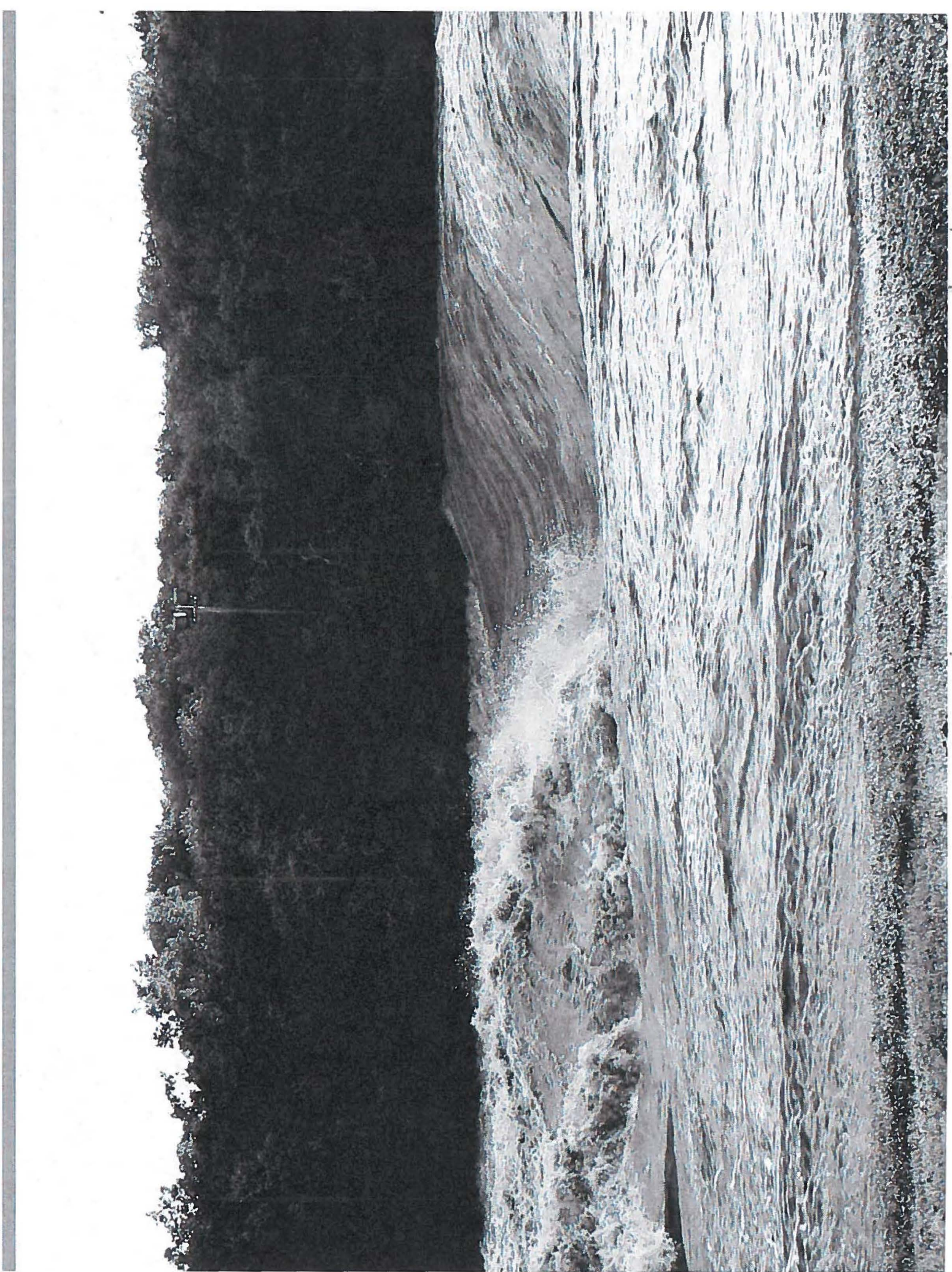
August 2009

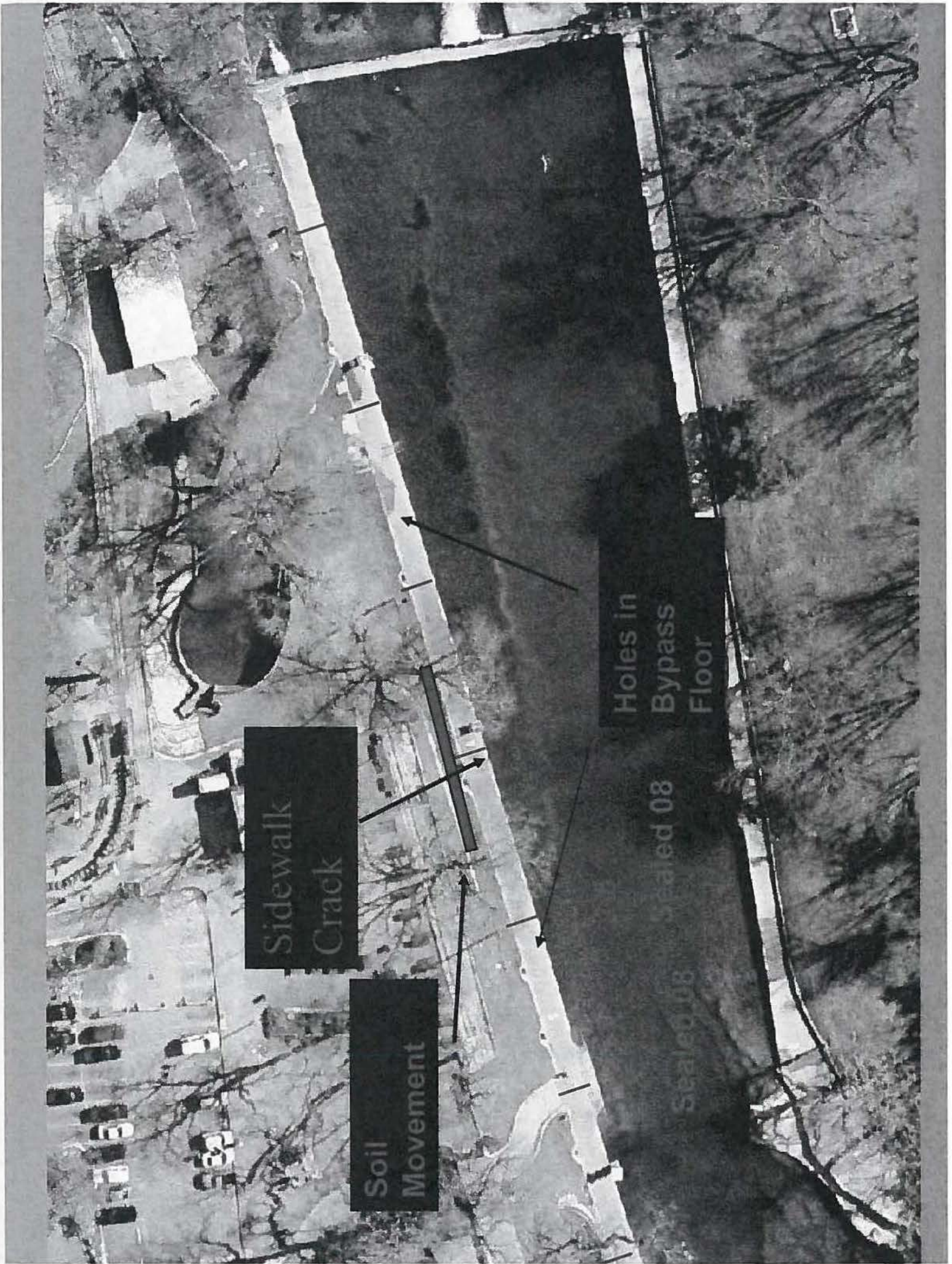


Barton Spring Bypass

- Constructed in 1975
- Divert minor flood waters
- Prevent muddy water and flood debris from entering pool
- Save PARD cleaning and maintenance time and costs
- Time of increasing development in Barton Creek watershed







Sidewalk
Crack

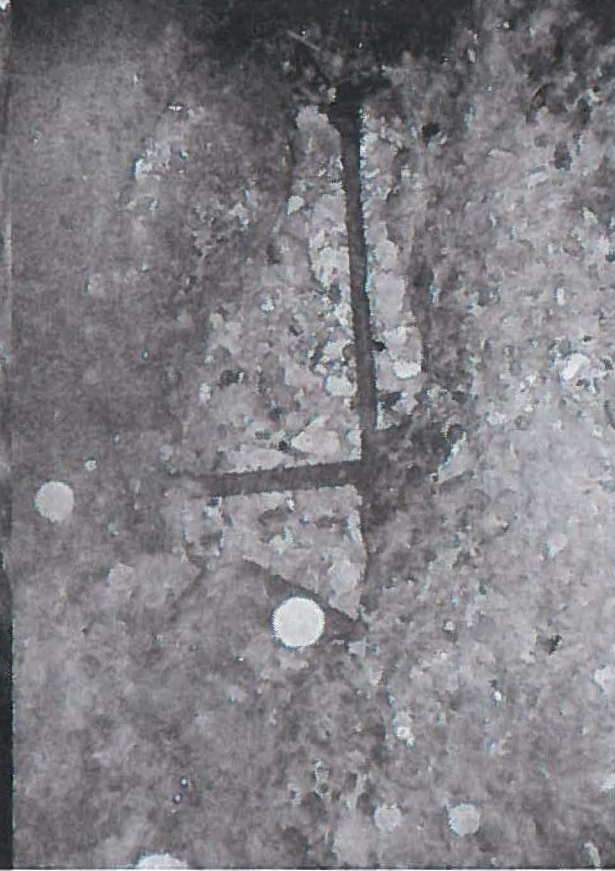
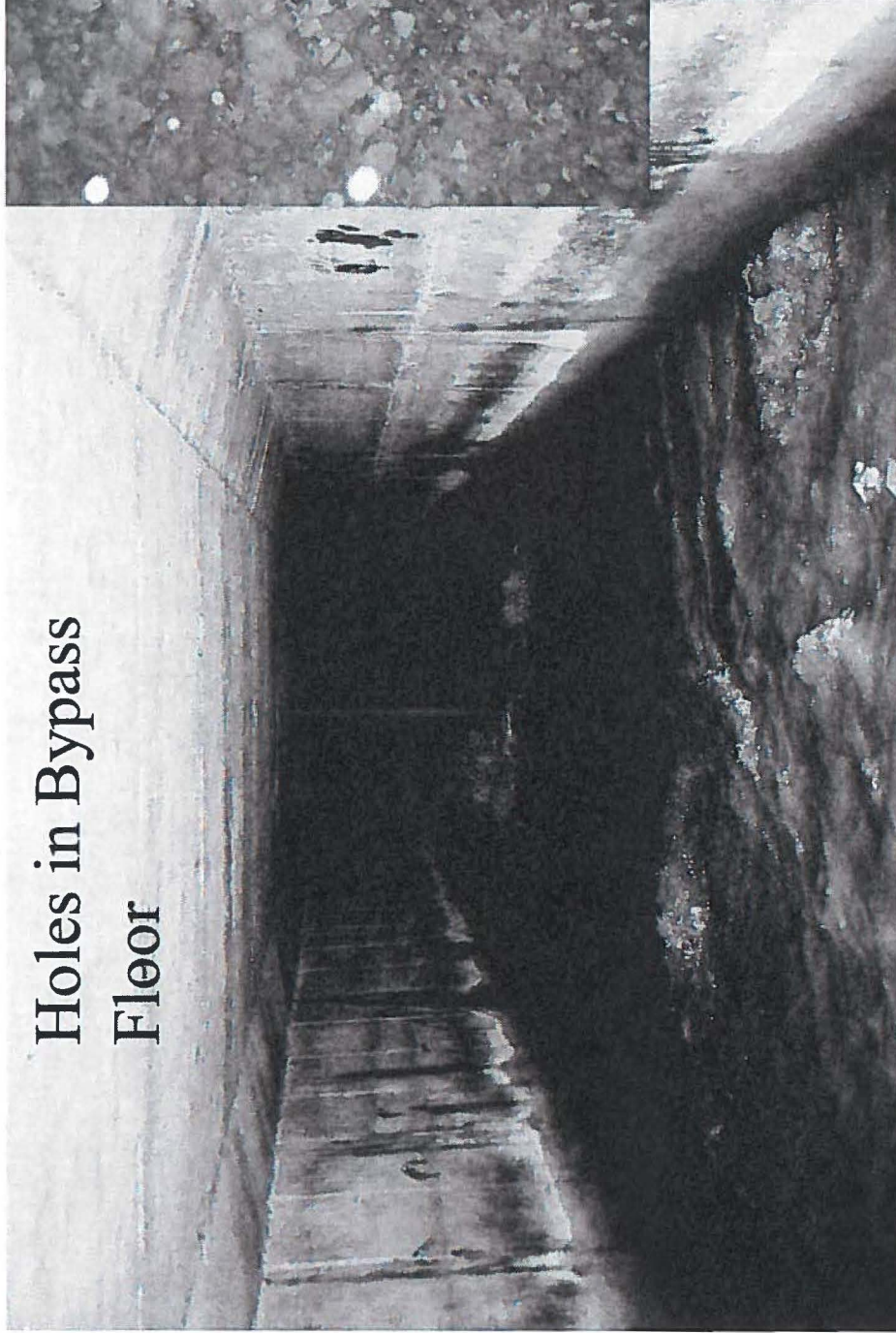
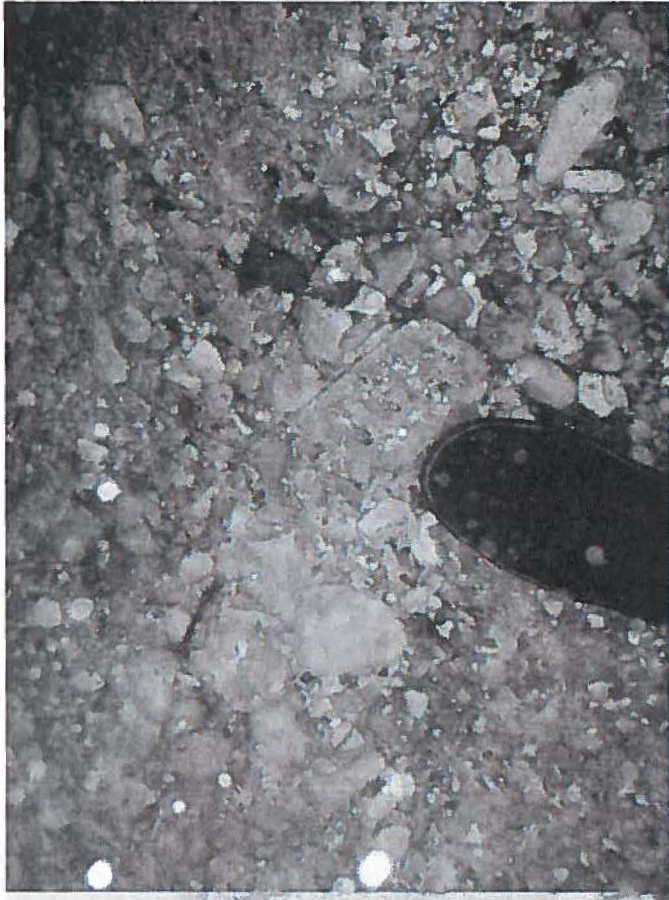
Soil
Movement

Holes in
Bypass
Floor

Sealed 08

Sealed 08

Holes in Bypass Floor



Bypass Problems

- Holes in floor
 - Structural concern
 - Drains pool water
- Erosion of soil and backfill
- Deck drain pipe collapsed
- Failing joints
- Abrasion of concrete
- Insufficient safety margin
 - Sliding
 - Overturning
 - Buoyancy

Existing Conditions

BS Pool

Bypass Culvert

North Side

South

Retaining wall

North

Approx
water level
in pool

Sidewalk

Soil
subsidence

Bypass culvert 6 ft high 10 ft wide

Deck drain culvert (12")

Seperated
joints

Approx
water level

Mounds of
backfill

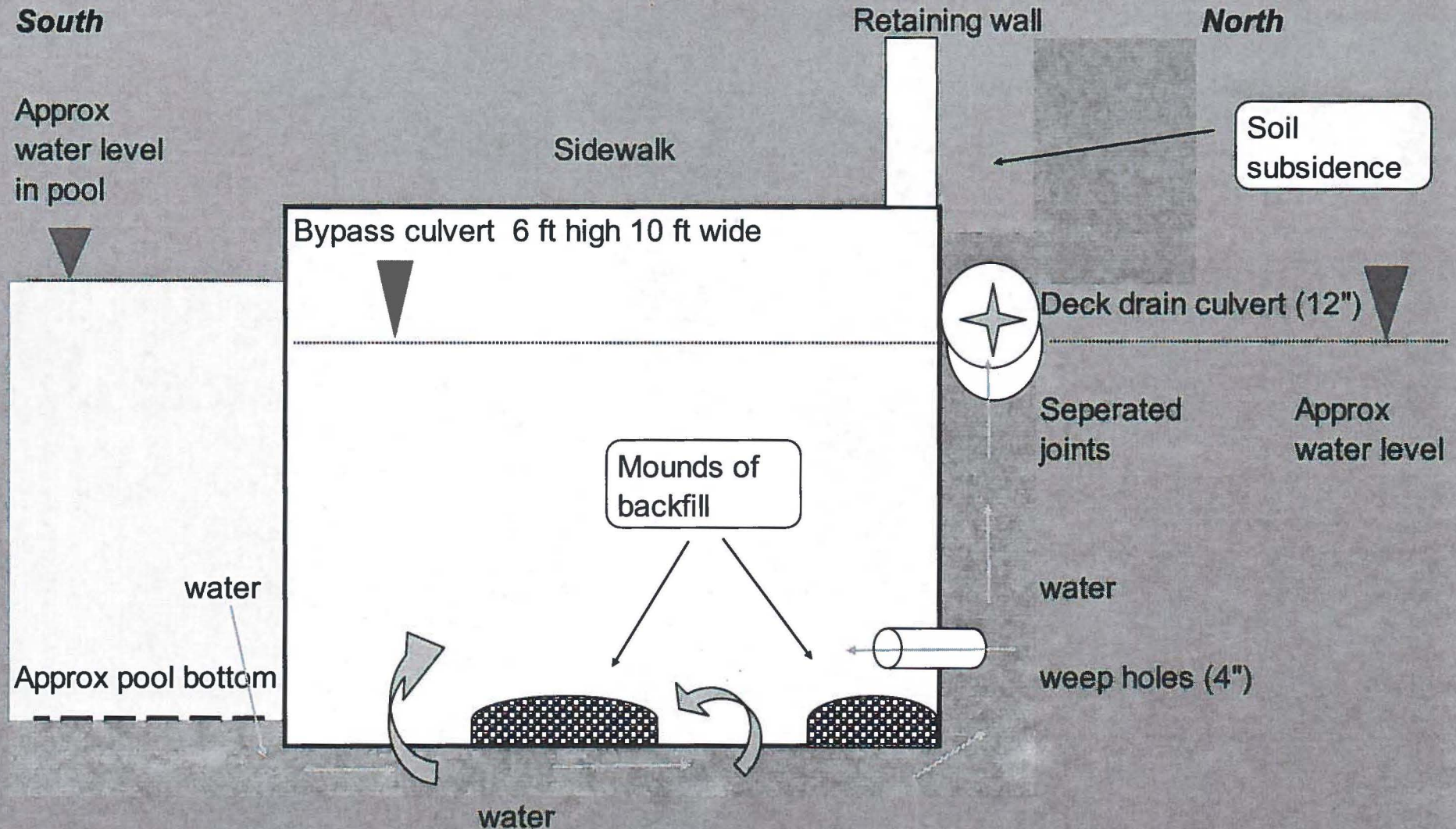
water

Approx pool bottom

water

weep holes (4")

water



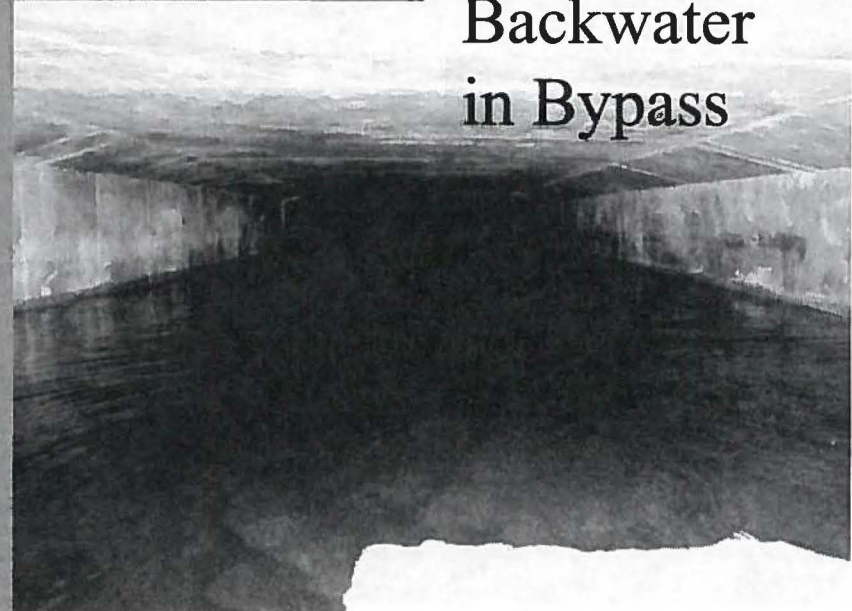
Plastic on
Pool Bottom



Temporarily
Block Bypass



Backwater
in Bypass



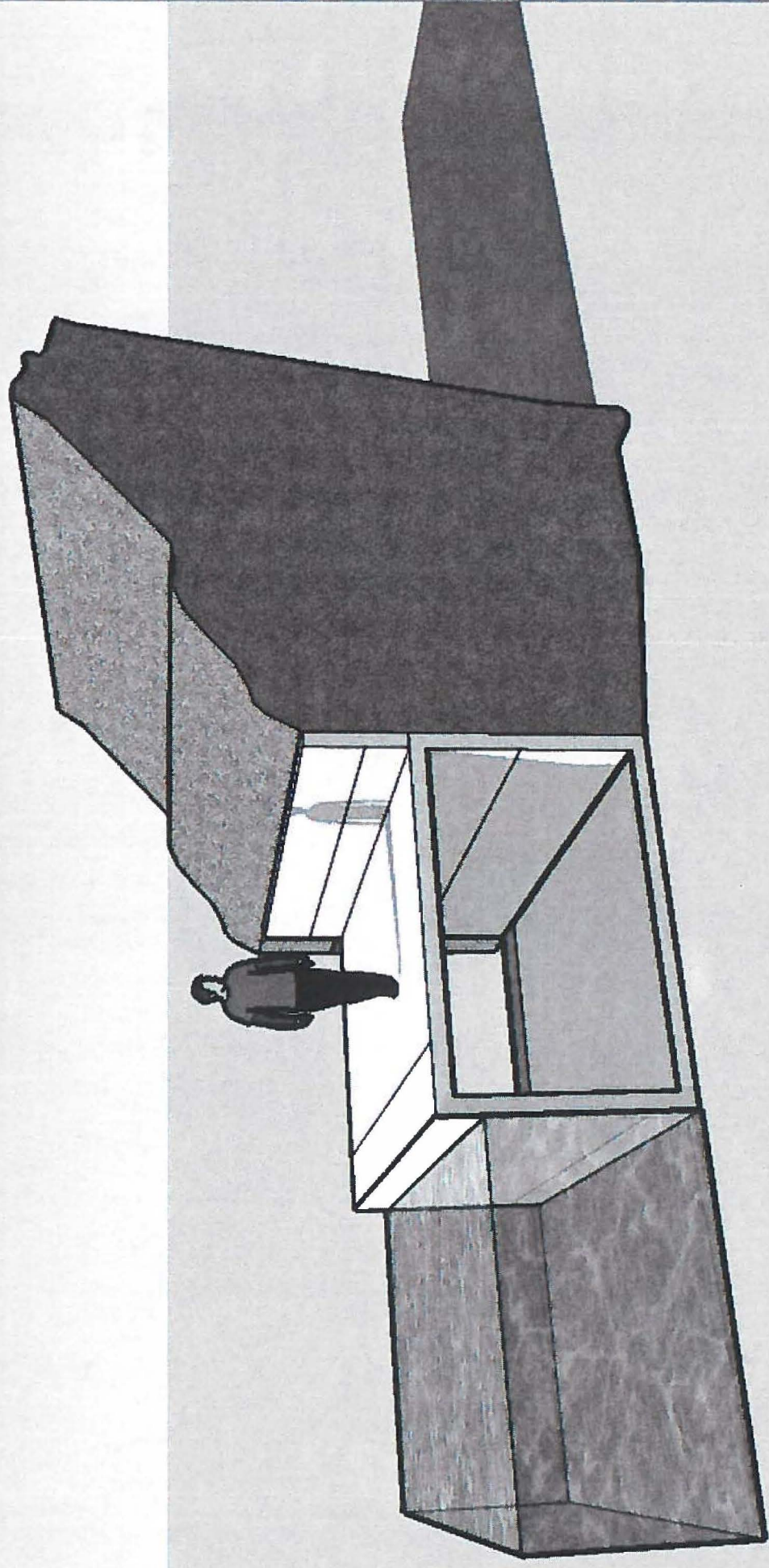
Issues With Existing Bypass Condition

- Operational constraints
 - No drawdowns
 - Flooding
 - Cleaning
- Bypass failure
 - Engineering reality
 - Safety, pool and downstream
 - Pool closing
 - Longer recreational impact
 - Lost revenue
 - Loss of significant salamander population and habitat (mainly in Eliza)

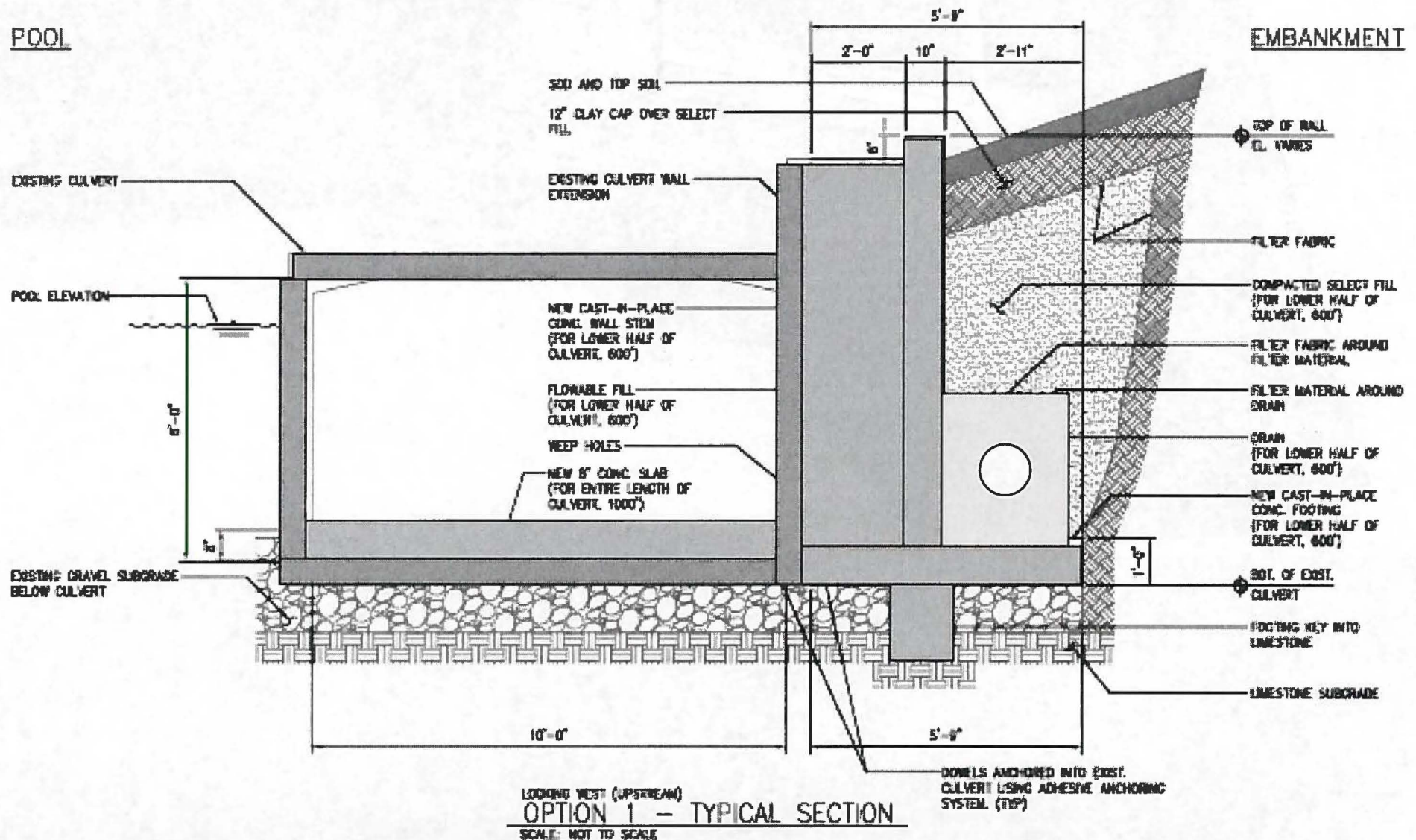
Repair Options Evaluation

- Site disturbance
- Pool closure
- Endangered species
- Cost
- Longevity
- Flow capacity
- Constructability

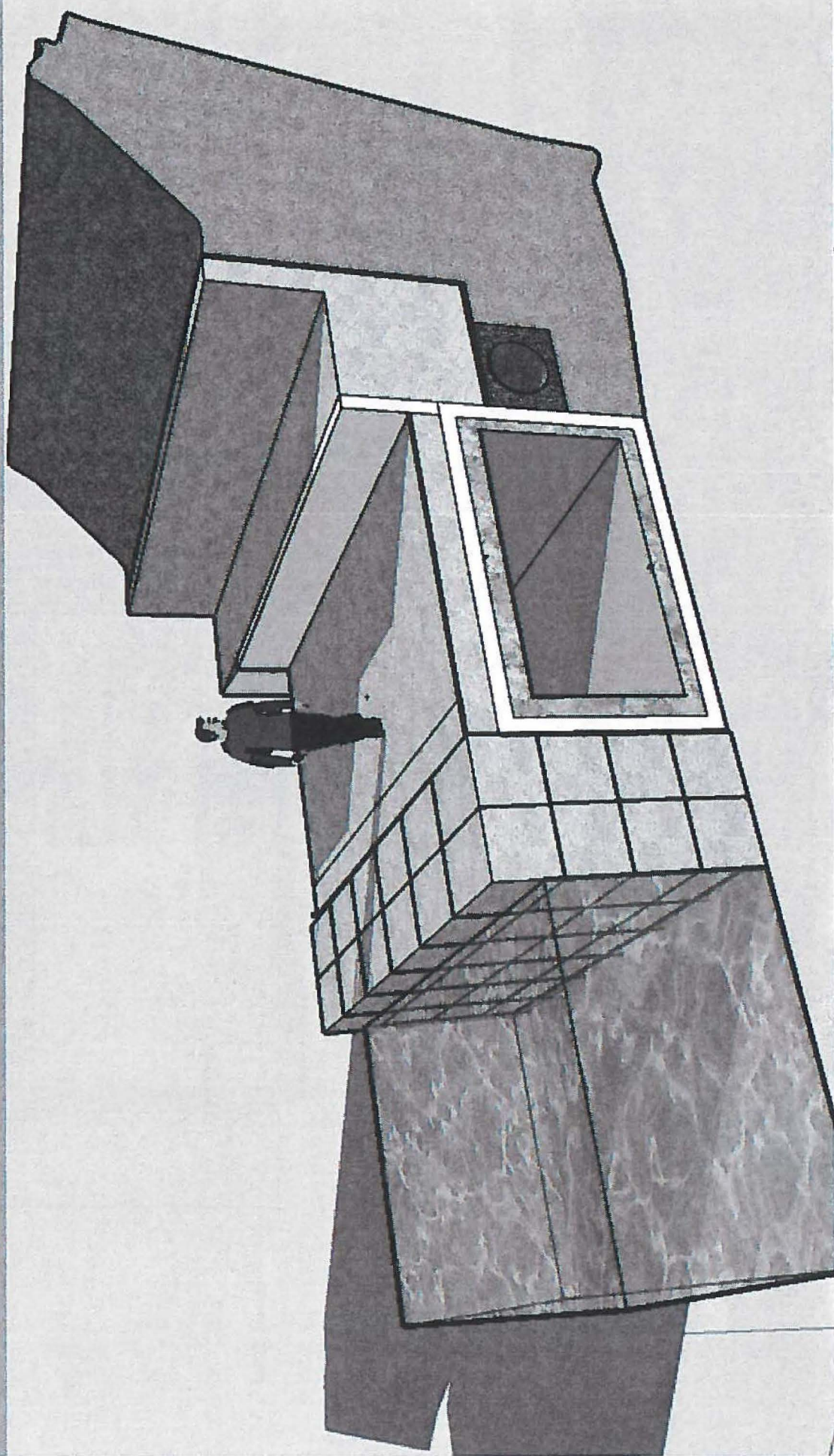
Existing Bypass Structure



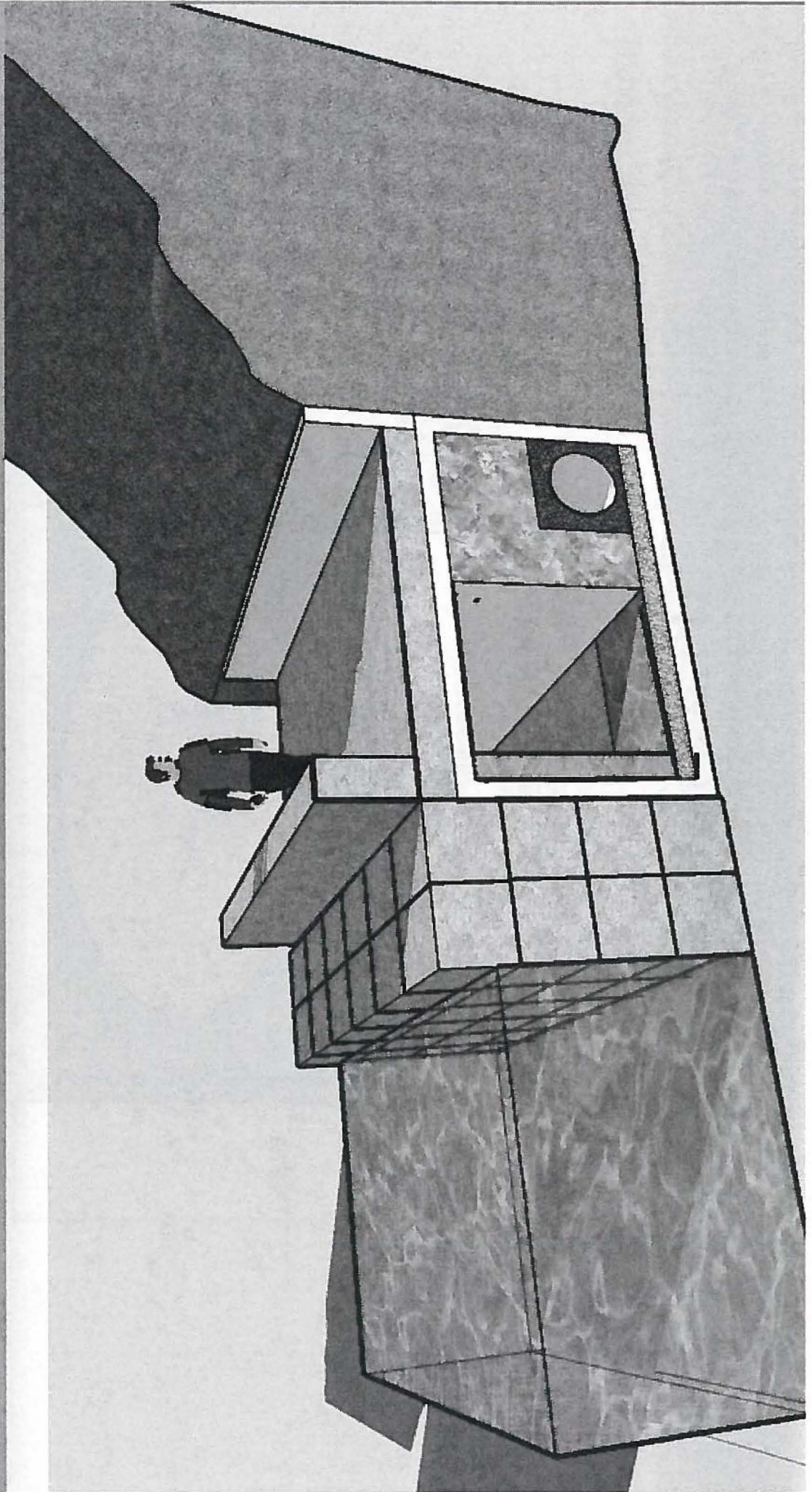
Option 1: Stabilization



Option 1a



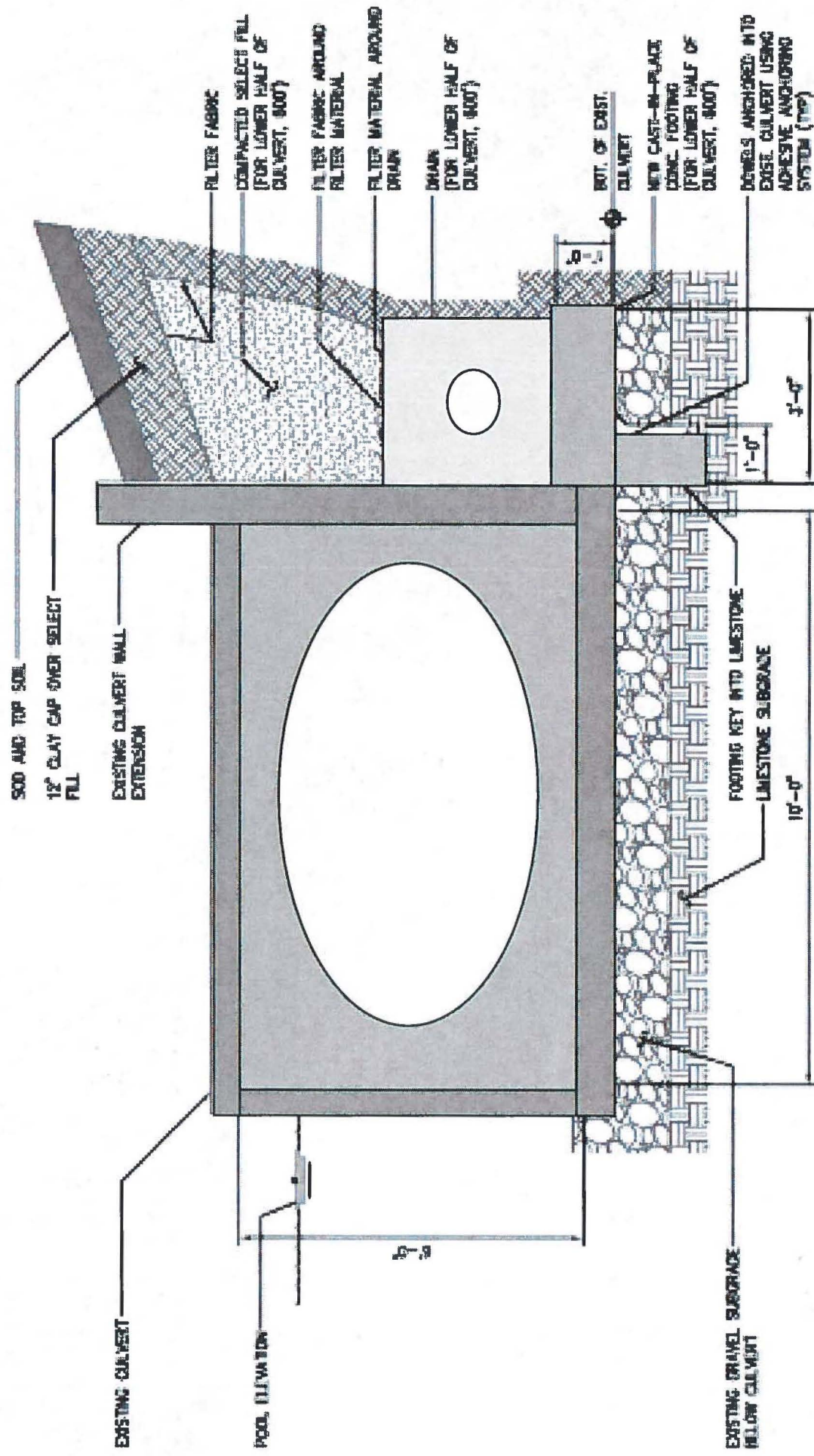
Option 1b



Option 2: Pipe-in-a-Pipe

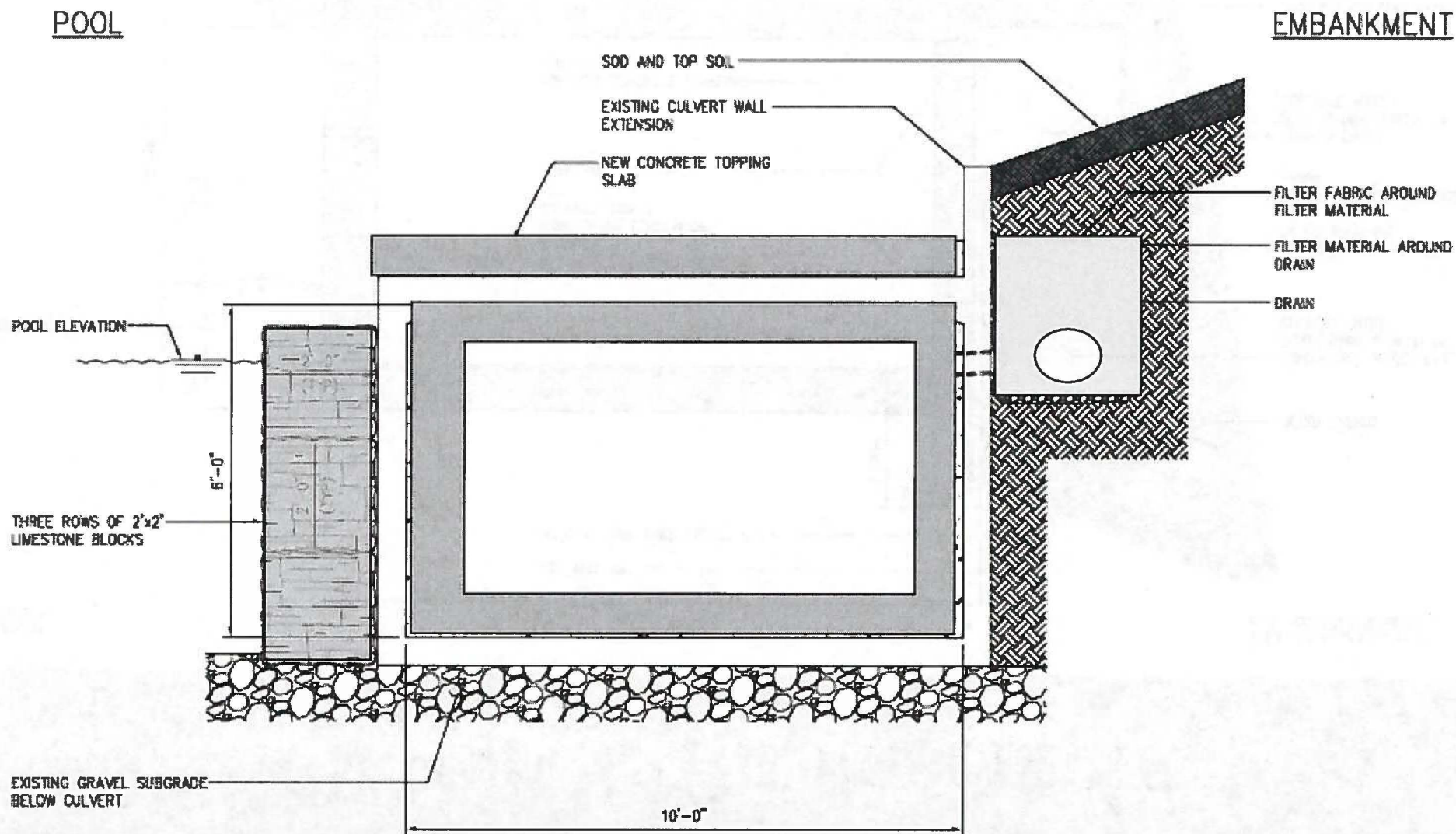
POOL

EMBANKMENT



LOOKING WEST (UPSTREAM)
OPTION 2 - TYPICAL SECTION
 SCALE: NOT TO SCALE

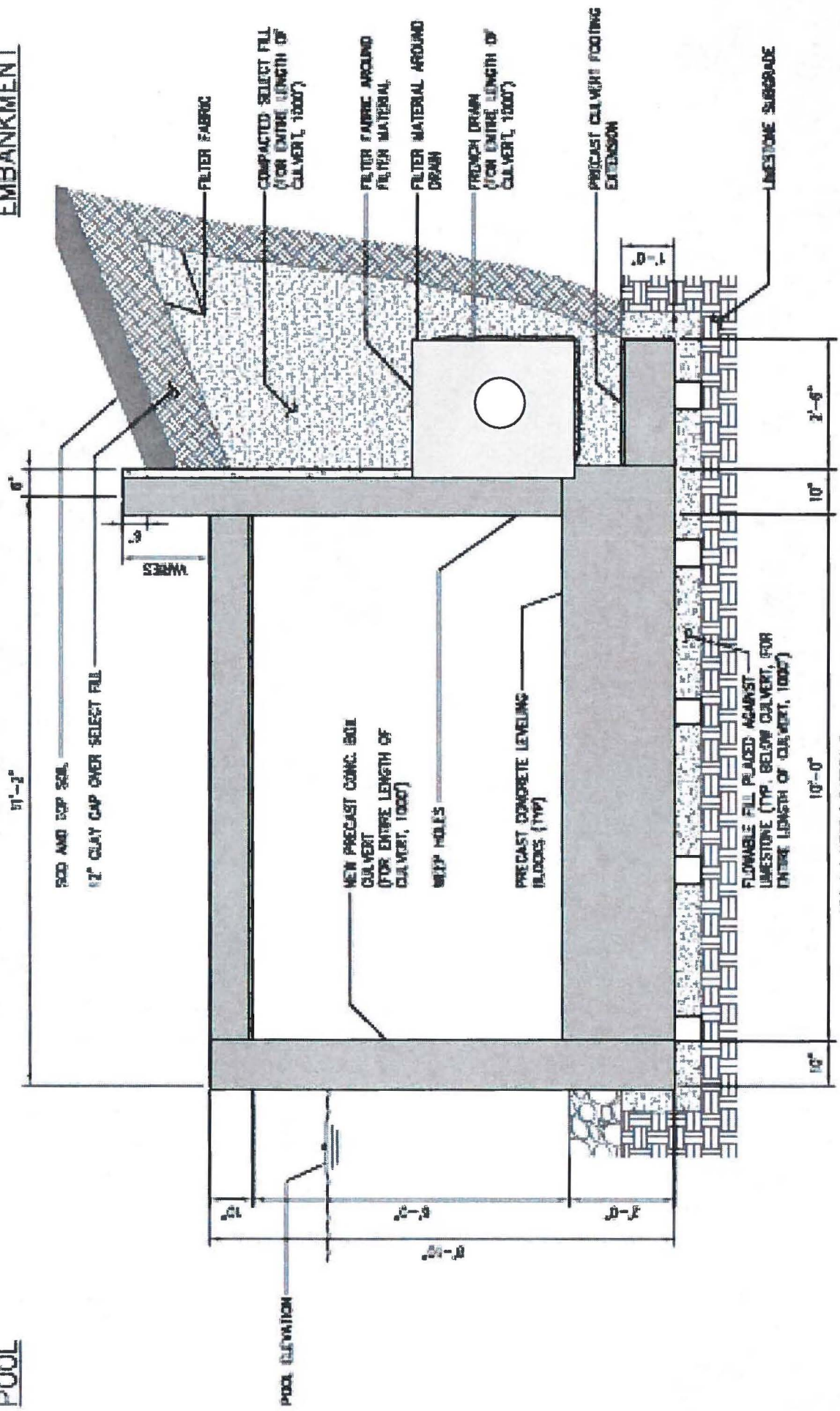
Option 2a



Option 3: Replacement

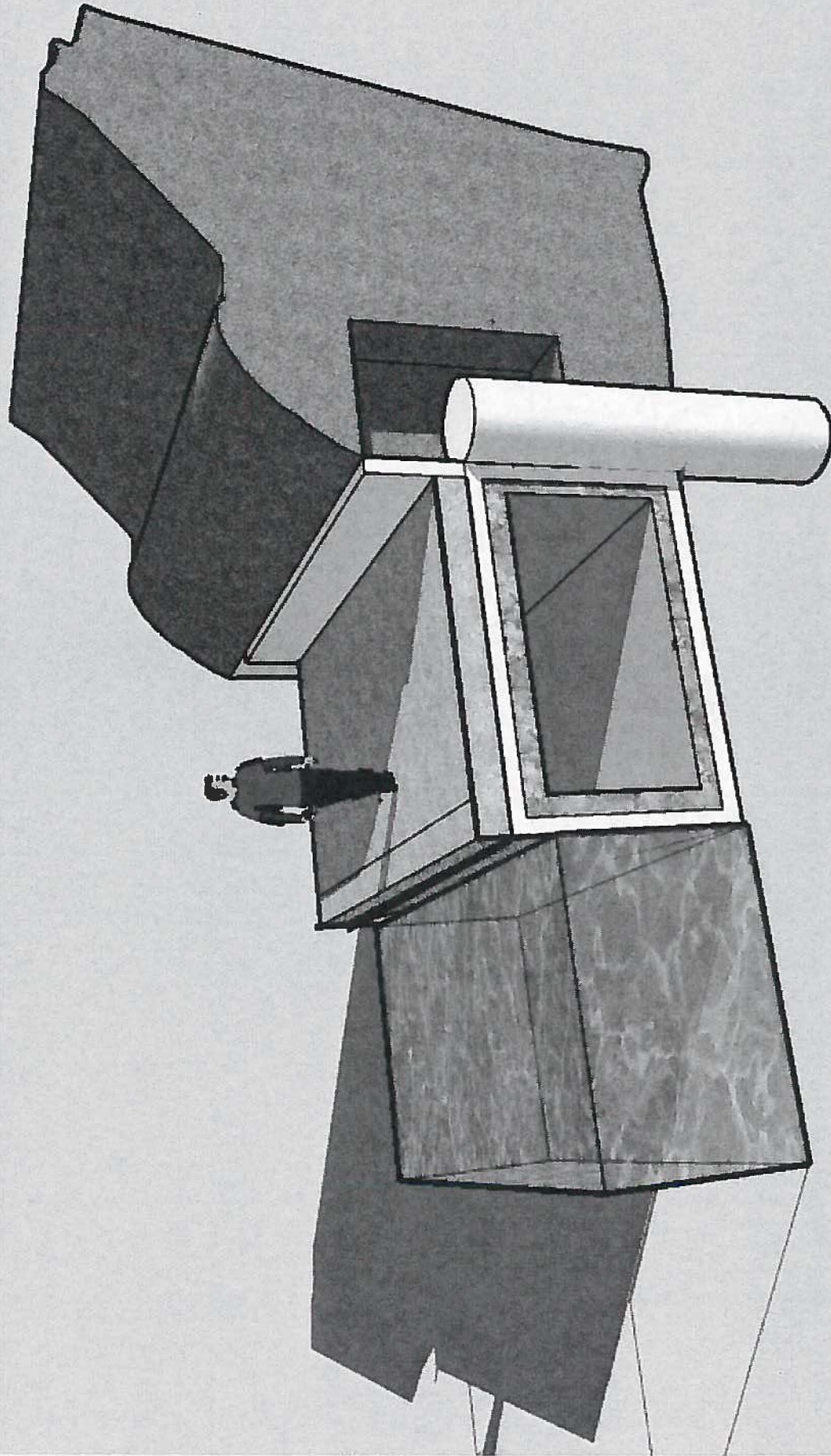
POOL

EMBANKMENT



LEAVING WEST (UPSTREAM)
OPTION 3 - TYPICAL SECTION
 SCALE: NOT TO SCALE

Option 5: Piers



Other Ideas

- Divert water around pool via trench
- Divert water via tunnel
- Store stormwater in off channel pond

Proposed Schedule

- Aug/Sept – Public input
- October – Staff recommendation
- October - Council RCA/USFWS
- Nov/Dec – Recommendations to public
- Nov/Jan - Final design and bid documents
- Spring 2010 – Permits
- Summer 2010 - Project out for bids
- Fall 2010/Spring 2011 – Construction

Item # 3



BOARDWALK TRAIL AT LADY BIRD LAKE

**PARKS AND RECREATION BOARD
DESIGN DEVELOPMENT BRIEFING 8/25/09**

TONIGHT'S OBJECTIVES

- **Update Project Status**
- **Design Responses to Citizen's Comments**
- **Review Design Elements and Routing**
- **Board Comments**

PROJECT STATUS

- Preliminary alignment was approved by Council in March
- Consultant team is completing design development (60%)
- Budget: construction cost still estimated near \$15M
- Negotiations continue with various property owners
- *With pending approvals, plans will be complete by the end of the year*
- *Permits could be obtained by summer 2010*
- *When funding is available, construction is estimated to take 24 months*

RESPONSE to COMMENTS - p1

- WATER STATIONS
 - Planned at Lakeshore (existing) Harpers and Blunn trailheads
 - Possible additions at CWS and AMLI
- SHADE (particularly at Rest Areas)
 - Natural shade at several locations
 - Structures and plantings under consideration
- APPROPRIATE SURFACES
 - Extensive consideration of alternatives
 - Concrete chosen for durability
 - With variations of color, texture and shape

RESPONSE to COMMENTS – p2

- **ON LAND AS MUCH AS POSSIBLE**
 - Now almost 50% over land
 - Significant impact to cost and schedule for additional design and easement acquisition
- **LIGHTING – SAFE BUT NOT INTRUSIVE**
 - Only where required for safety or security
 - Boardwalk lights low and focused on deck
- **RESPECT OWNERS & RESIDENTS**
 - Continue to negotiate a balance of access and separation
 - Developers cooperating with enhancements

RESPONSE to COMMENTS - p3

- **ENVIRONMENTAL IMPACTS**
 - Multiple environmental studies underway
 - Collaborative tree routing decisions
 - Planned restoration and enhancements
 - Sustainable construction, landscaping & operations
 - No adverse flooding impact
 - Construction precautions to protect lake waters, wetlands and riparian edges
- **SAFETY & SECURITY**
 - Emergency call stations
 - Assured of emergency response capability

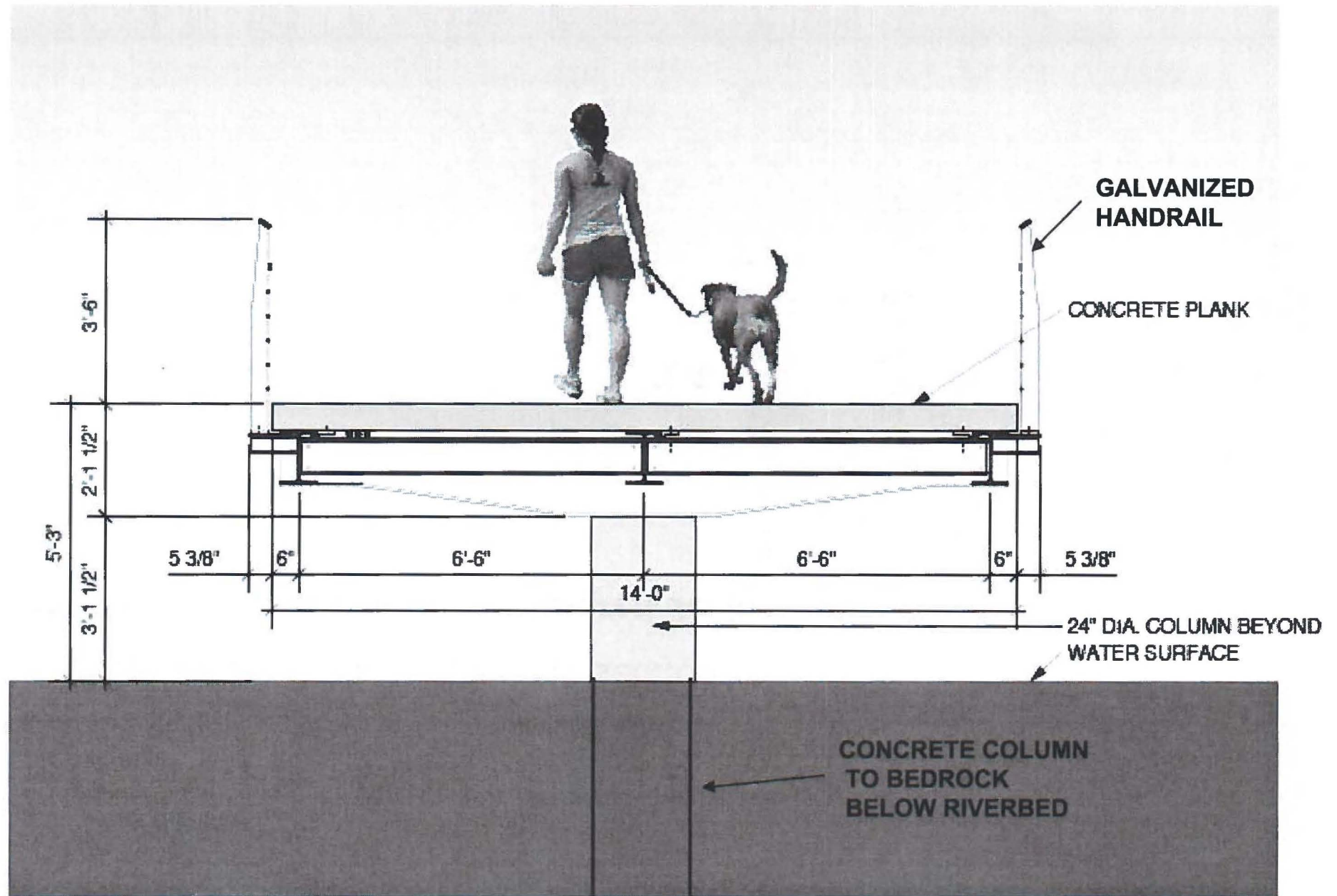
KIT OF PARTS

Typical 20' long x 14' wide deck section

With textured and integrally colored deck

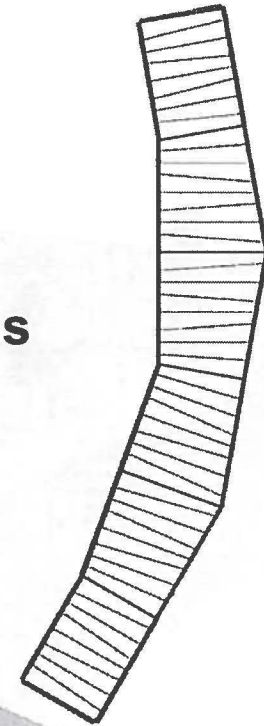
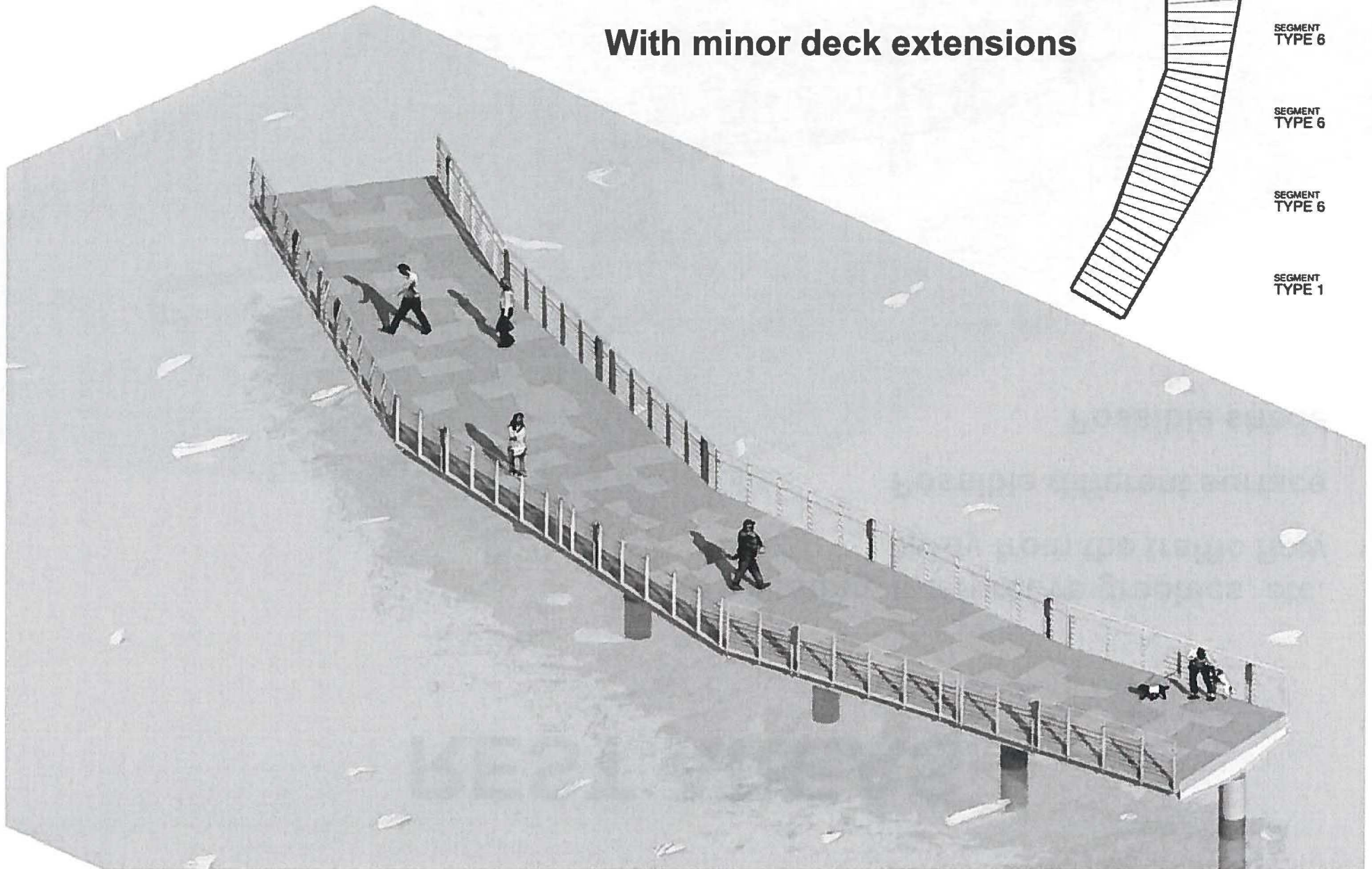


TYPICAL CROSS-SECTION



CURVED SEQUENCE

With minor deck extensions



SEGMENT
TYPE 1

SEGMENT
TYPE 6

SEGMENT
TYPE 6

SEGMENT
TYPE 6

SEGMENT
TYPE 6

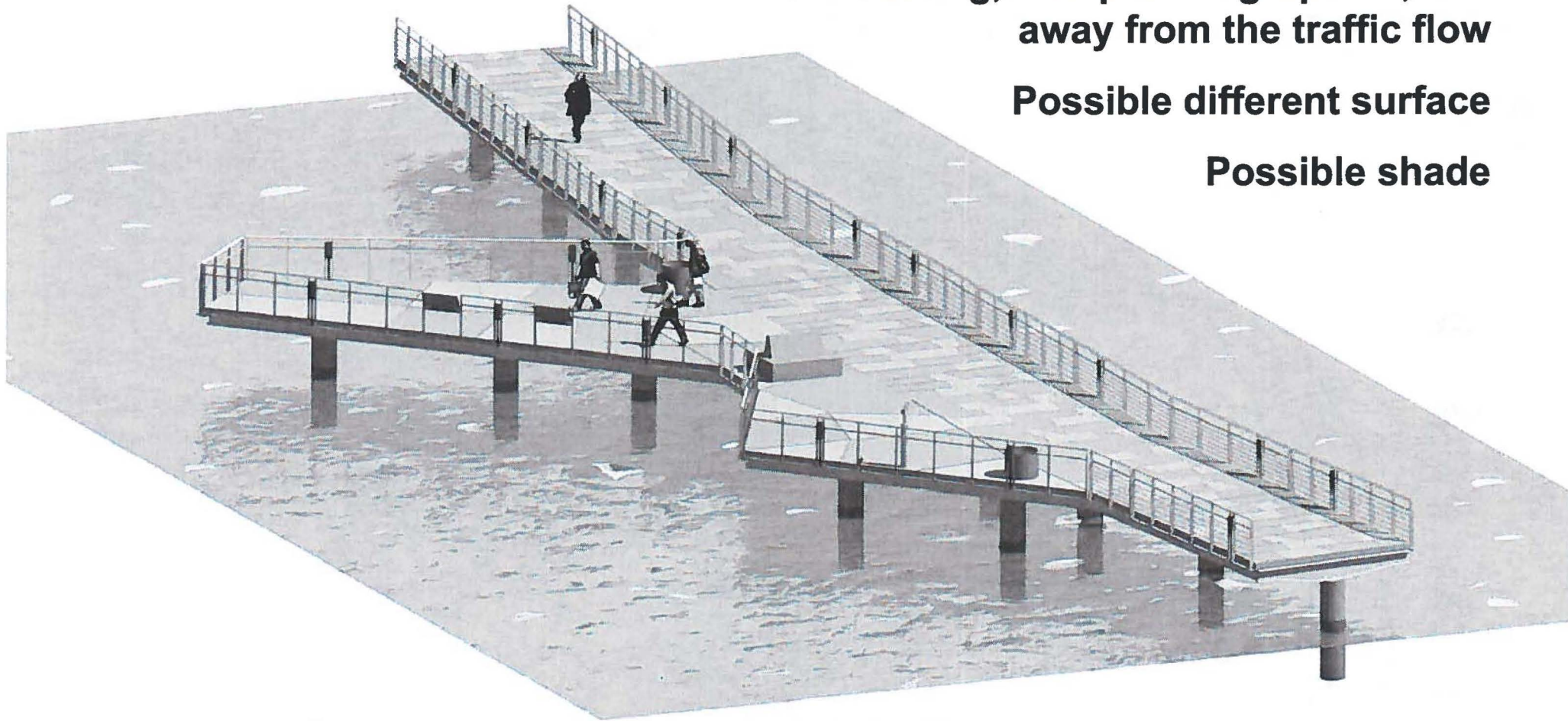
SEGMENT
TYPE 1

REST AREAS

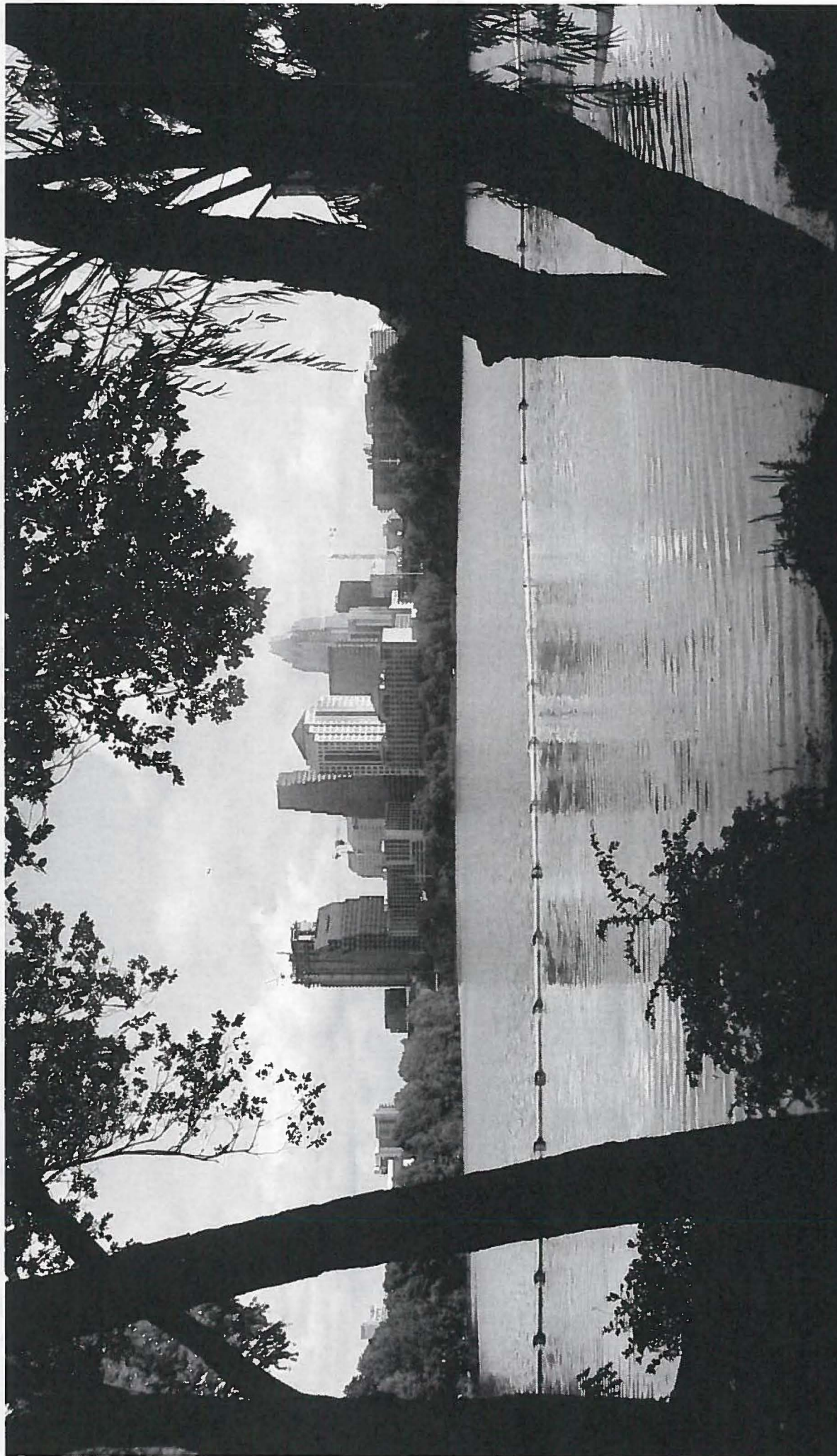
**Seating, interpretive graphics, etc.
away from the traffic flow**

Possible different surface

Possible shade

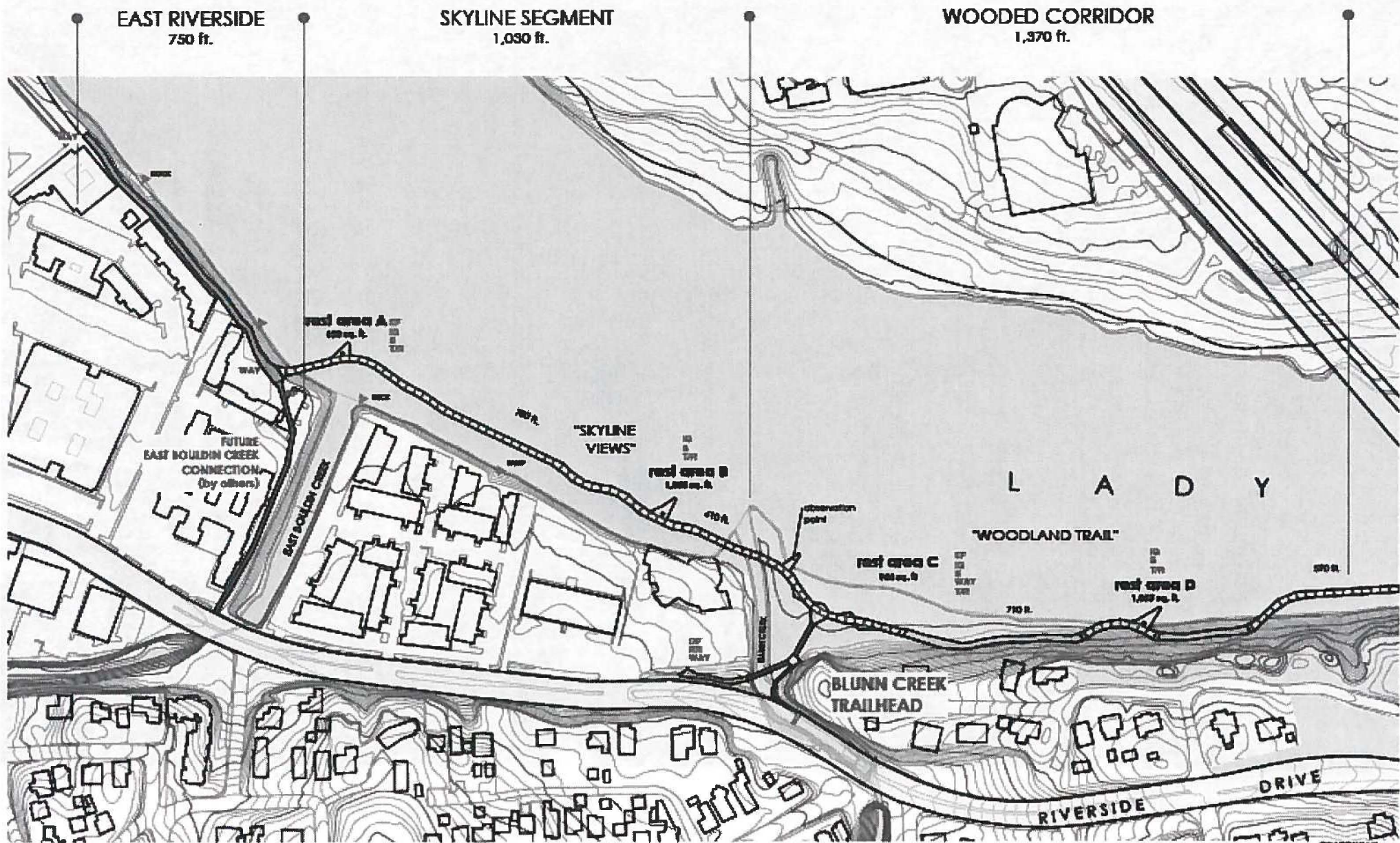


THE GREEN ROUTE



SKYLINE SEGMENT





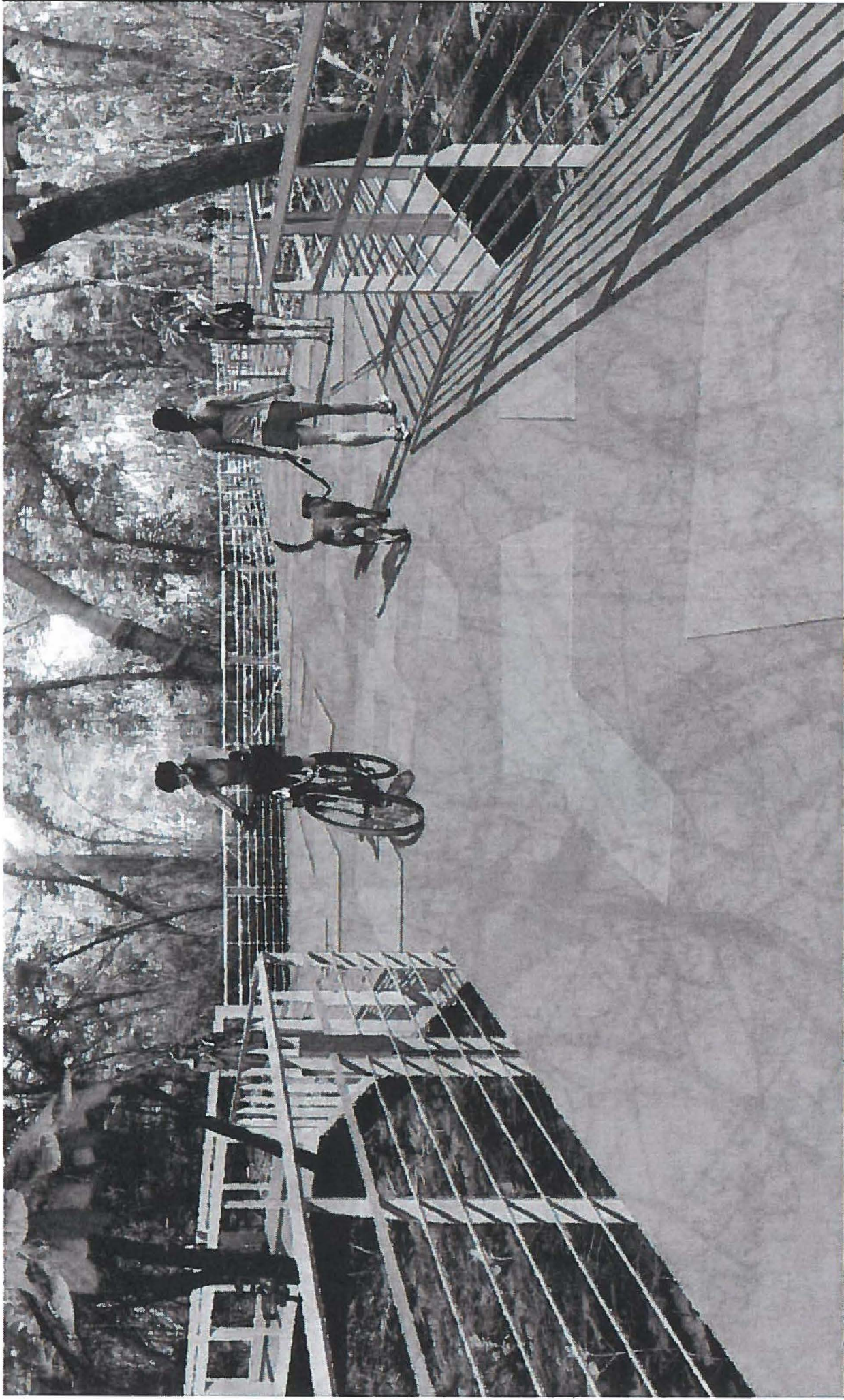
0 100 200 300 400 500
SCALE = 1" = 100'-0"

EP	ENVIRONMENTAL PROTECTION	FOR	FOREST
EPF	ENVIRONMENTAL PROTECTION FUND	WFLY	WILDLIFE
EPD	ENVIRONMENTAL PROTECTION DISTRICT	TR	TRAIL
S	SPUR	ABD	PUBLIC ADMINISTRATION
EX	EXPENSE		

PHASE 2 PRELIMINARY DESIGN
WEST

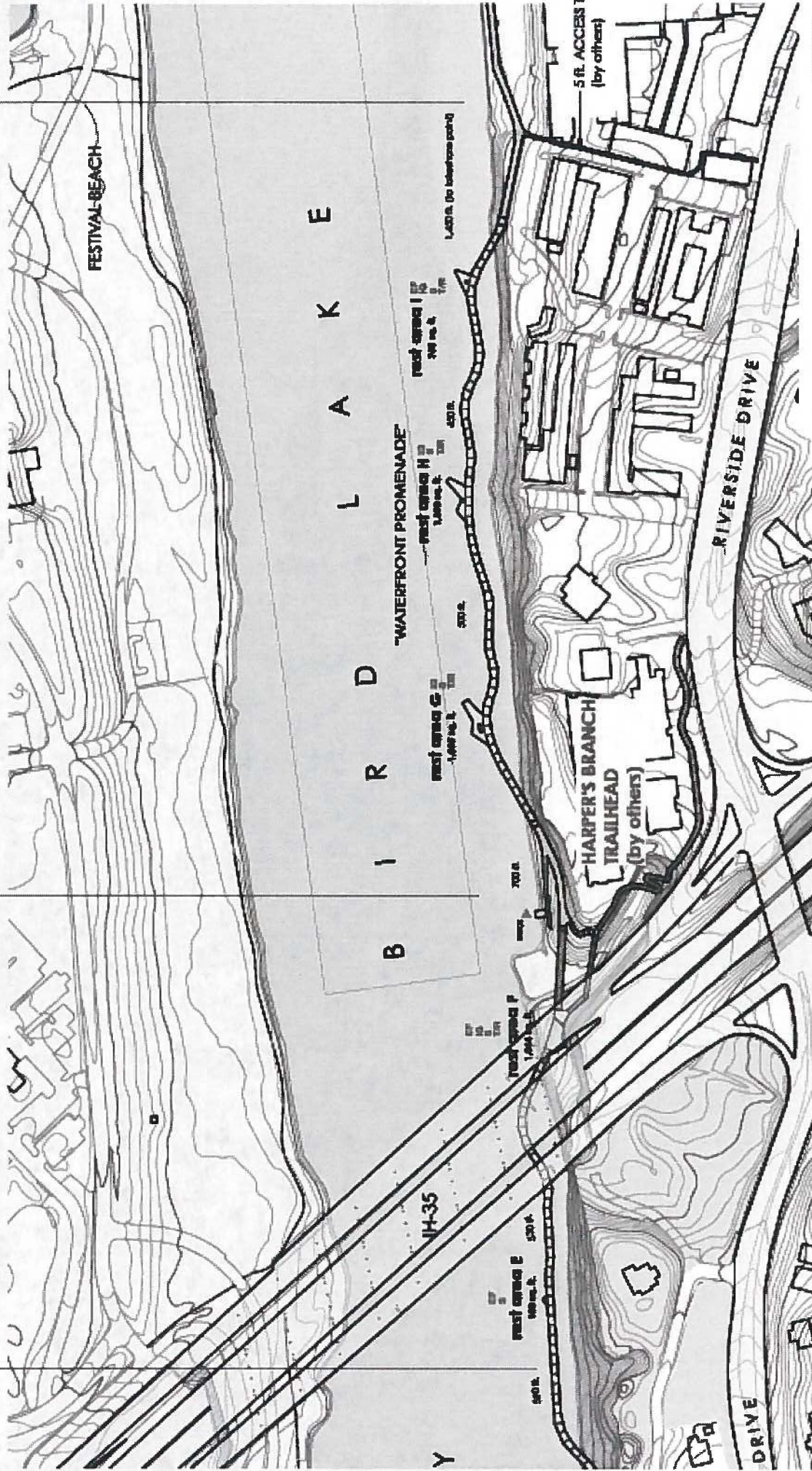
July 20, 2000

BLUNN INTERSECTION



IH-35 SEGMENT
980 ft.

WATERFRONT PROMENADE
1,650 ft.

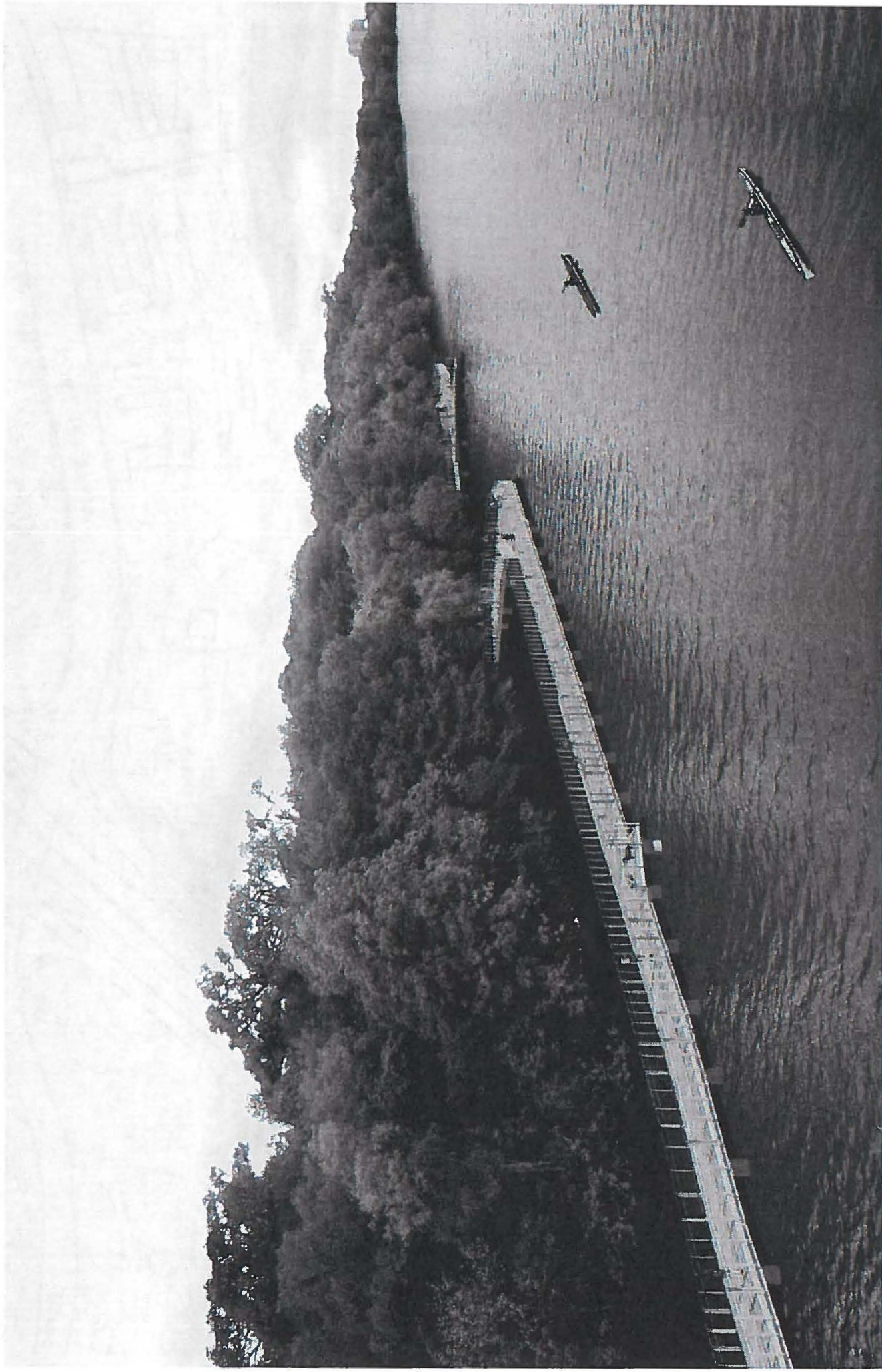


PHASE 2 PRELIMINARY DESIGN
MIDDLE

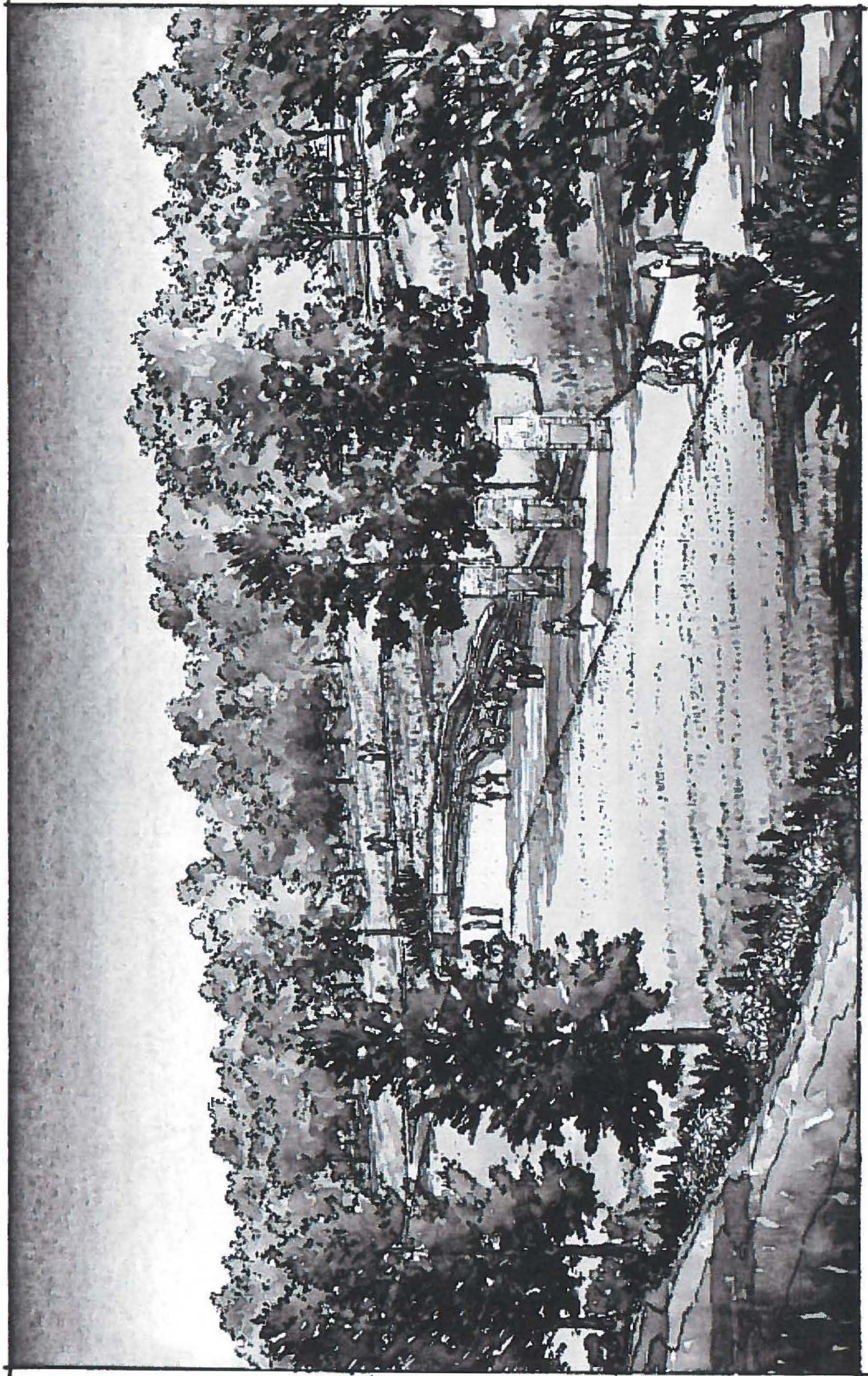
SY	DESCRIPTION	DATE	BY	CHKD
1	DESIGN	10/1/00	J. L. L.	J. L. L.
2	DESIGN	10/1/00	J. L. L.	J. L. L.
3	DESIGN	10/1/00	J. L. L.	J. L. L.
4	DESIGN	10/1/00	J. L. L.	J. L. L.
5	DESIGN	10/1/00	J. L. L.	J. L. L.
6	DESIGN	10/1/00	J. L. L.	J. L. L.
7	DESIGN	10/1/00	J. L. L.	J. L. L.
8	DESIGN	10/1/00	J. L. L.	J. L. L.
9	DESIGN	10/1/00	J. L. L.	J. L. L.
10	DESIGN	10/1/00	J. L. L.	J. L. L.



BOARDWALK FROM IH-35



LAKESHORE ENTRY




MOVING FORWARD

- Schedule
 - Design development finishing this summer
 - Permit drawings at the end of the year
 - Permit application starts late this year
 - Construction could start next summer
 - When funded, construction will take ~2 years
- Budget – construction cost still estimated near \$15M

WOODLAND DG TRAIL




Item # 4




Telecom Towers & Austin Parks

Telecommunication Tower



Disguised Telecommunication Tower



Telecommunication Tower with Two Carriers

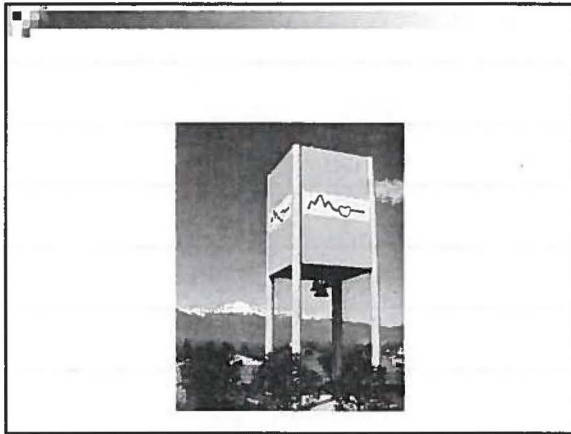


Disguised Telecommunication Tower with Two Carriers



Disguised Telecommunication Tower









Disguised Telecommunication Tower

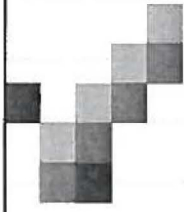


Tower Disguised as: Art Design




Disguised Telecommunication Tower with Two Carriers





Infrastructure Asset Management



Who we are:

With over 10 years of experience Infrastructure Asset Management (IAM) – housed in Austin Energy – works with businesses needing access to Austin Energy's (AE) and the City of Austin's (CoA) infrastructure assets to further their business goals.

Who we are: cont.

- IAM is a recognized expert and leader in the infrastructure industry providing professional services to customers such as AT&T, Time Warner, Verizon, Grande Comm., T-Mobile and others.
- Currently AE IAM has Memos of Understanding (MOU) with 2 CoA Departments (AWU and SWS)

Who we are: cont.

- IAM also provides support services to intergovernmental agencies such as Capital Metro, Texas Dept. of Transportation, AISD, the University of Texas and various CoA departments.

What we do:

- IAM actively researches, monitors, tracks and inventories existing AE and CoA infrastructure and under-utilized properties and then markets these assets for lease to appropriate businesses and quasi-governmental organizations.

Services:

- Site research and inventory review
- Contract development
- Engineering review
- Legal assistance from staff with expertise in real estate, telecom and high tech industries
- Construction assistance
- Mapping

Benefits:

- Access to premium locations throughout Austin, including the central city
- Knowledgeable, friendly and experienced staff
- Competitive and easy to understand pricing

Benefits: cont.

- Faster concept to market entry business process
- Web based operating information including contracts and services

Benefits for PARD:

- Extra revenue from controlled use of Parks & Rec. land assets
- Revenue can be used to impact Parks & Rec. operating budget
- Minimal disturbance of the surrounding environment

Benefits for PARD: cont.

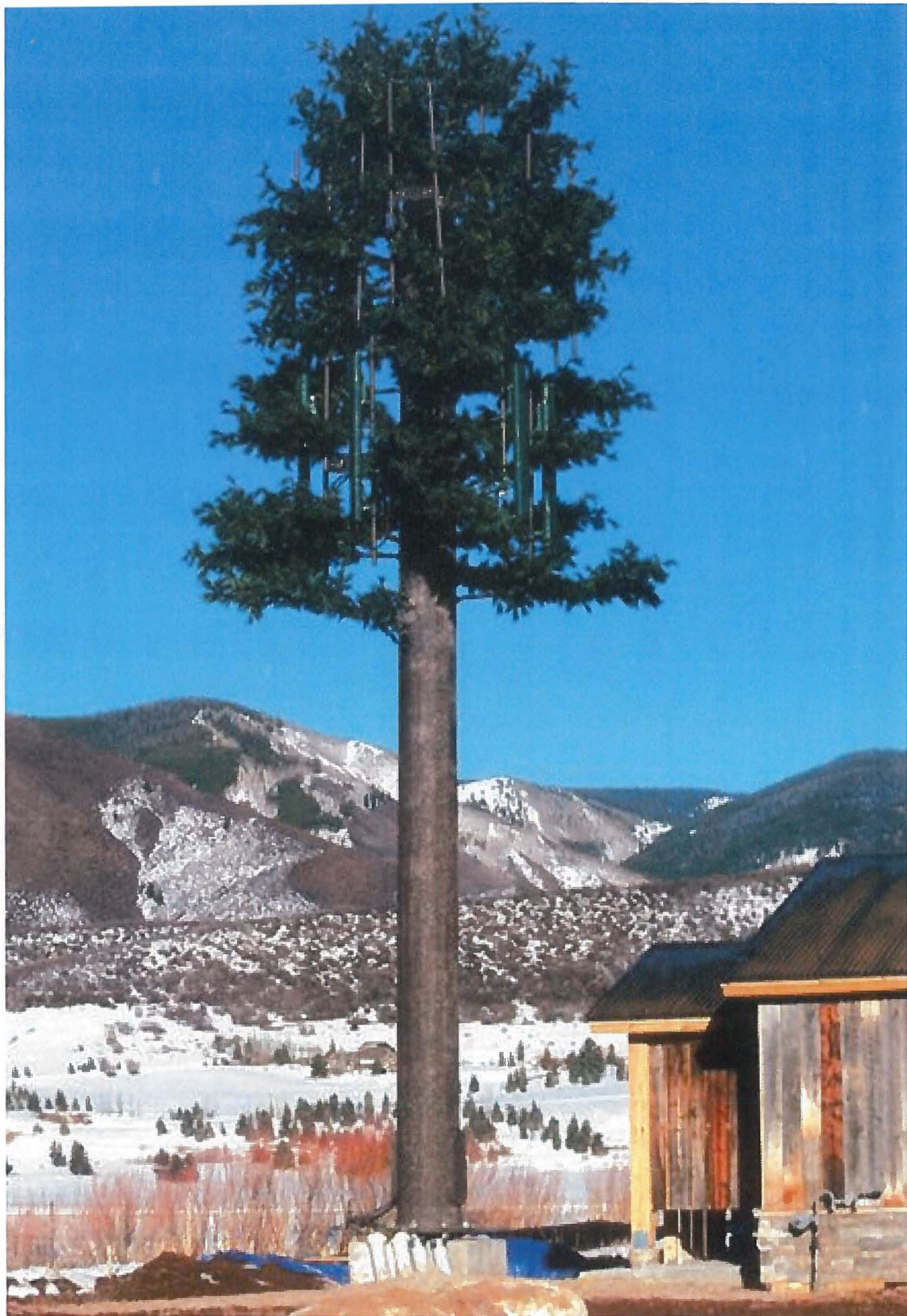
- Designs to complement park land
- Safe and effective Park Land Use
- Long term revenue stream

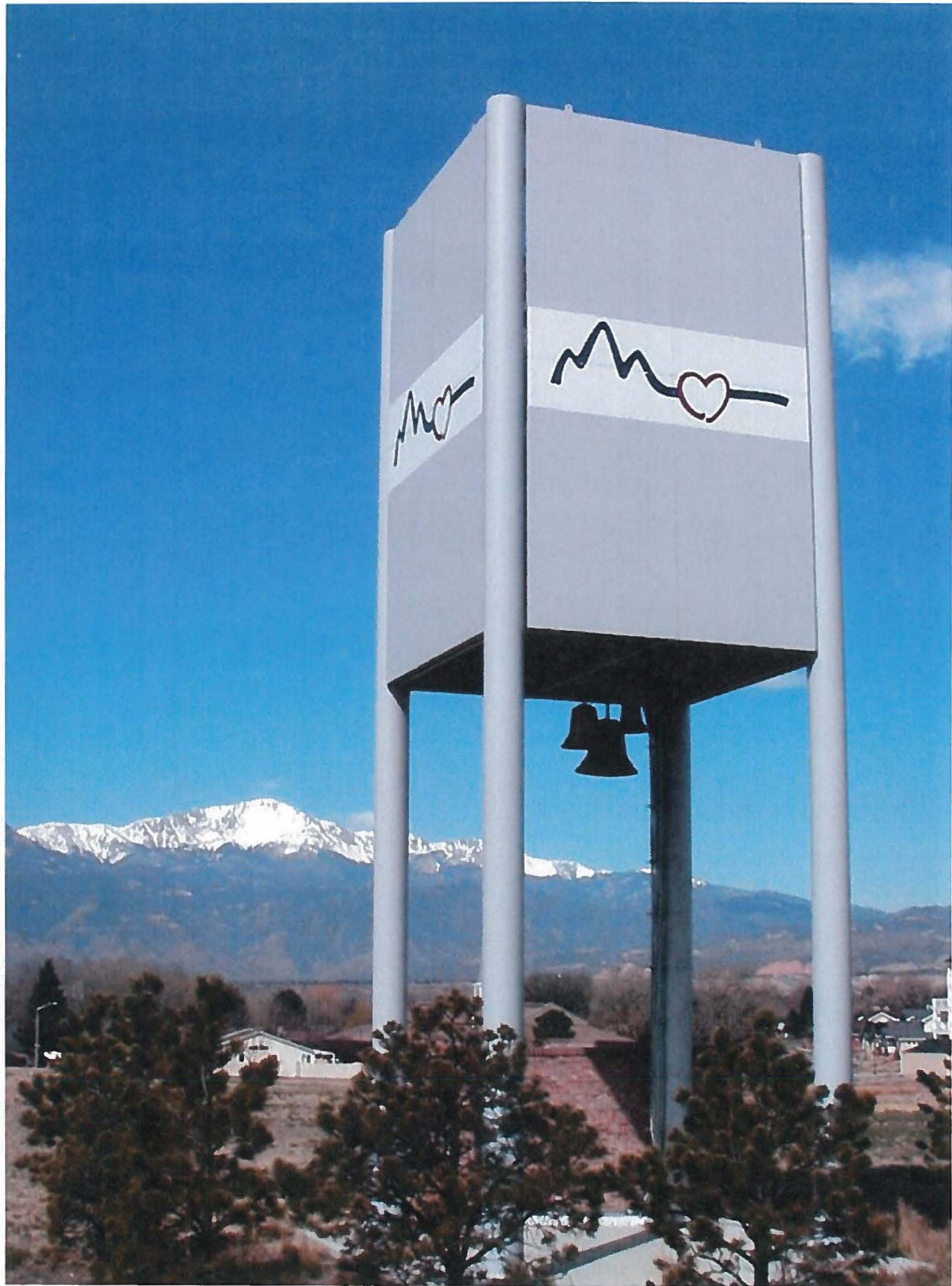
Revenue:

Year	Annual Usage Fee- Site #1	Ground Space- Site #1	Apprx. Total Annual Revenue for one Location	Cumulative Revenue for 3 Sites
1	\$18,000	\$16,000	\$34,000	\$102,000
2	\$ 18,540	\$16,000	\$34,540	\$103,620
3	\$ 19,086	\$16,000	\$35,086	\$105,289
4	\$ 19,669	\$16,000	\$35,669	\$107,007
5	\$ 20,259	\$16,000	\$36,259	\$108,777
10	\$ 23,486	\$16,000	\$39,486	\$118,458
15	\$ 27,227	\$16,000	\$43,227	\$129,680
20	\$ 31,563	\$16,000	\$47,563	\$142,689
Total Revenue Collected:	\$483,667	\$320,000	\$803,667	\$2,411,000



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www.alibaba.com

Item # 5



Walk For a Day

Walk For a Day is a well-planned, well-managed, and well-funded regional trail that provides public recreational and wilderness experiences connecting people to the environment and heritage of Barton Springs and the Central Texas Hill Country.

Walk For a Day is a proposal for a regional trail system that is envisioned to be constructed in phases as funding and other resources become available. The Walk For a Day trail will provide public recreational and wilderness experiences connecting people to the environment and the heritage of Barton Springs and the Central Texas Hill Country. The trail will travel south from Barton Springs pool into Hays County.

Hill Country Conservancy is sponsoring the trail and is committed to acquiring land or access rights to ensure a continuous trail and to providing adequate resources to fund planning and construction, and perpetually endow operations and maintenance for the trail.

Walk For a Day will require the collaboration between many potential partners such as the City of Austin, the City of Sunset Valley, Travis County, Hays County, and the Texas Department of Transportation, as well as private landowners.

The City and Hill Country Conservancy expect to develop a Walk For a Day Master Trail Plan that clearly identifies proposed routes, facilities, environmental protection needs, and public safety provisions. It will also identify estimated funds necessary to endow the planning, construction, and operations for the trail.

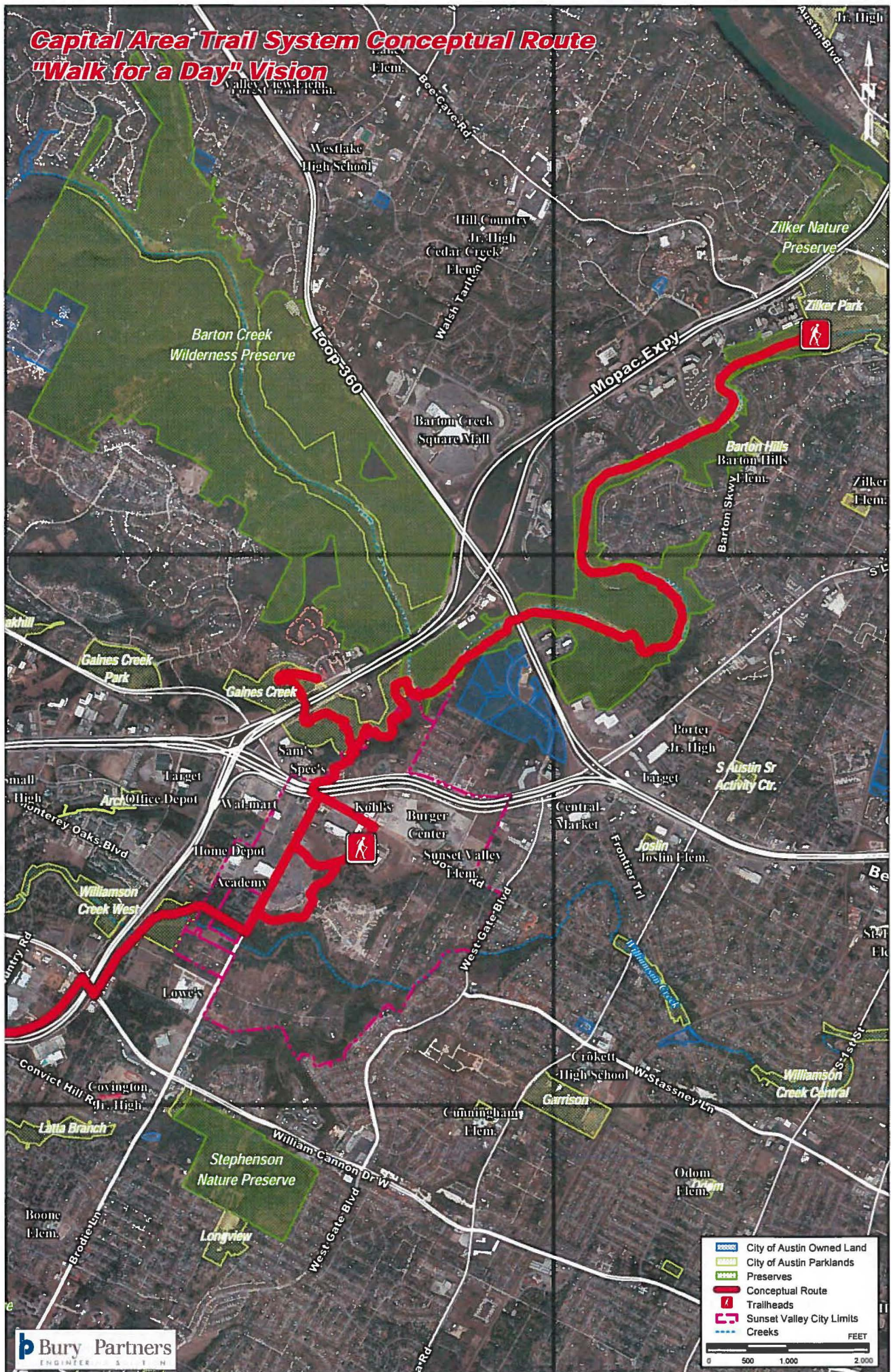
The City hired the Lady Bird Johnson Wildflower Center to conduct an environmental analysis of the proposed route, and Hill Country Conservancy hired Greenways, Inc. to develop a master trail plan for the project. These consultants will collaborate as planning begins and progresses.

The City and Hill Country Conservancy will ensure public involvement in the Walk For a Day planning process through public and stakeholder meetings. The Water Quality Protection Lands Stakeholder Steering Committee met regarding Walk For a Day on June 16, 2009 and will have three additional meetings and an onsite field trip to provide input on the trail. Two Walk For a Day public input meetings will be held in coming months.

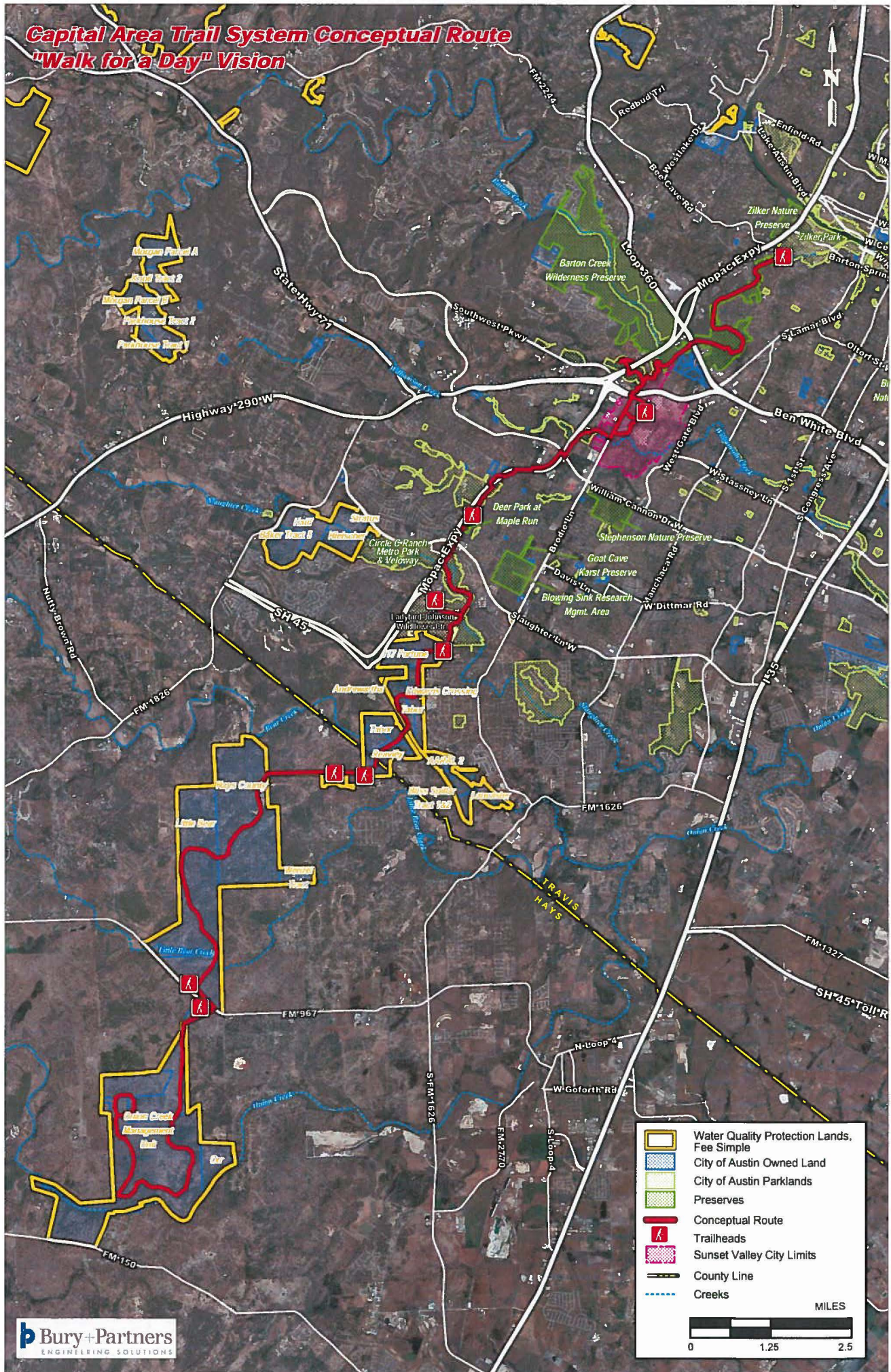
City Council passed a resolution on January 15, 2009 requesting the creation of a Memorandum of Agreement between the City of Austin and Hill Country Conservancy to spell out the roles and responsibilities of each party and to create a process to involve other partners as well as the public.

The Memorandum of Agreement will be submitted to the Water and Wastewater Commission, the Parks and Recreation Board, and the Environmental Board prior to City Council action.

Capital Area Trail System Conceptual Route "Walk for a Day" Vision



Capital Area Trail System Conceptual Route "Walk for a Day" Vision



RESOLUTION NO. 20090115-057

WHEREAS, the City of Austin's historical commitment to preserve our natural heritage is demonstrated by its acquisition of land to sustain soil, water, air, plants and animals for the continued public benefit of our communities; and

WHEREAS, the City of Austin, using Austin Water Utility revenue bonds and City of Austin general obligation bonds, has purchased approximately 23,500 acres of land and development rights in order to protect water quality and quantity in the Barton Springs segment of the Edwards Aquifer; and

WHEREAS, a regional trail, currently known as "Walk for a Day," can be incorporated into the management of these lands in a manner that assures achievement of the land's fundamental purpose of protecting water quality and quantity and educating trail users about the importance of the preservation of these lands while at the same time providing for reasonable public access for the purposes of recreational enjoyment, and enhanced fitness opportunities; and

WHEREAS, the Walk for a Day regional trail system would benefit both citizens of Austin and surrounding communities by providing a first-hand experience of these lands and an appreciation of the importance they play in protecting our natural resources and advancing an understanding of Barton Springs and the watersheds that affect it; and

WHEREAS, the Walk for a Day trail system will benefit from the collaborative efforts of multiple political subdivisions and jurisdictions, including the City of Austin, the City of Sunset Valley, Travis County, Hays County, and Texas Department of Transportation, as well as other stakeholders; and

WHEREAS, groundbreaking for the first phase of the Walk for a Day trail system is planned for May 2009; and

WHEREAS, there is already a successful model for development and implementation of a trail system on the City's water quality protection land along Slaughter Creek; and

WHEREAS, Hill Country Conservancy shares the City's values of water quality and quantity protection, conservation, and providing public benefits through a regional trail system; and

WHEREAS, Hill Country Conservancy has committed itself both to acquire land or access rights to ensure a continuous trail for Walk for a Day and to raise donations to create an endowment to fund construction, operations, maintenance, and security for the trail; **NOW, THEREFORE,**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

The City Council endorses the development of the Walk for a Day regional trail system across its water quality protection lands, park land, and other land in a manner that preserves the integrity of the land's natural resources, provides for continued protection of water quality and quantity, and offers educational, recreational, and fitness opportunities to trail users.

BE IT FURTHER RESOLVED:

In order to develop a mutually beneficial partnership with Hill Country Conservancy, the City Council directs the City Manager to negotiate a memorandum of agreement with Hill Country Conservancy that:

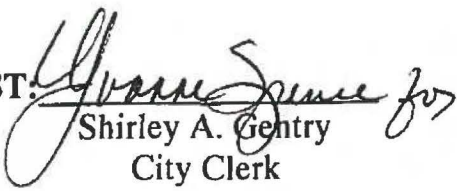
- (1) ensures the participation of City departments, including but not limited to Austin Water Utility, Parks and Recreation, Watershed Protection and Development Review, Contract and Land Management, Public Works, Transportation and Law; and
- (2) outlines the City's and Hill Country Conservancy's responsibilities for planning, construction oversight, management, water quality and other environmental protection, public education, scheduling of phases, commensurate with available endowment funding, and other responsibilities necessary to carry out the Walk for a Day project; and
- (3) incorporates the Hill County Conservancy's commitments both to acquire land or access rights to educate the public about the importance of water quality and quantity and ensure a continuous trail, and to raise donations to create an endowment to fund construction, operations, maintenance and security for the trail consistent with this Resolution.

BE IT FURTHER RESOLVED:

The City Council further directs the City Manager to place the memorandum of agreement on the agenda of its February 26, 2009, meeting for Council action.

ADOPTED: January 15, 2009

ATTEST:


Shirley A. Gentry
City Clerk

Item # 6

Dam Safety Maintenance in Parkland

Eduardo Acosta, P.E., CFM

Stormwater Pond Safety Program Manager



**Watershed Protection
Development Review**

Dams in Austin Parkland

- **COA WPDR Stormwater Pond Safety Program has identified over 20 dams in COA parkland.**
- **Working with PARD Planning, Design & Construction and Urban Forestry divisions to develop a MOU for continuing maintenance**
 - **Minimize impact**
 - **Minimize time of maintenance activities**

COA Watershed Protection Department maintains regional detention facilities.

- **Embankments over 6 feet tall (dams) are under the oversight of the Stormwater Pond Safety Program.**
- **Inspection and Maintenance requirements associated with these dams , includes small woody vegetation removal.**

Example of Small Woody vegetation at Northwest Park



Small woody vegetation removal policy

- **Trees on a dam embankment pose a safety hazard per TCEQ guidelines.**
- **COA Stormwater Pond Dam Safety Program Maintenance policies**
 - **In accordance with TCEQ guidelines**
 - **Developed with City Arborist input**
 - **Includes removal of trees less than 8" caliper**

Summary

- **COA parkland contains over 20 dams, some may require small woody vegetation removal.**
- **Working with PARD staff to develop a MOU.**
- **Parks Board will be approached for final approval of the MOU.**
- **Stormwater Pond Safety Program Manager, Eduardo Acosta, P.E., (512)974-3008**



**Watershed Protection
Development Review**

Item # 7



MEMORANDUM

TO: Mayor and Council

FROM: Bert Lumbreras, Assistant City Manager
Sue Edwards, Assistant City Manager

DATE: August 3, 2009

SUBJECT: Public process regarding restoration proposal for Bull Creek District Park

Bull Creek District Park, located in northwest Austin on the banks of Bull Creek, is a unique public resource that is popular with swimmers, hikers and dog owners who enjoy the off leash area of the park. This memo concerns the persistent issue of high bacteria levels in Bull Creek within the park, which frequently exceed State of Texas standards for swimming and wading in the creek. There are two key issues that must be addressed in order to remedy the present situation.

First, natural areas in Bull Creek District Park have suffered from the park's popularity, and the soil has become extremely compacted which, in turn, has killed most of the natural vegetation around the creek. These plants serve as a "first defense" against pollution of the creek by filtering some portion of waste and pollutants before they enter the waterway. They are also important in the control of erosion throughout the park.

Second, staff has observed – and regular testing has confirmed – that allowing dogs in the park off leash has led to a consistent lack of attention to pet waste by their owners. A multi-departmental task force consisting of representatives from the Parks and Recreation Department (PARD), Watershed Protection Department (WPD), the Austin Water Utility (AWU) and the Austin/Travis County Health and Human Services Department (ATCHHSD) has conducted intensive investigations in the park since 2007 and concluded that the on-going elevated bacteria levels are most likely from the use of Bull Creek District Park as a dog off leash area. Public education and signage have not eliminated the spikes in bacteria levels seen on weekends and holidays at the park.

There is an ongoing concern for the health of swimmers and of pets should bacteria counts continue to exceed health standards, and staff believe that both issues need to be addressed in order to ensure the long-term health of Bull Creek and those who enjoy using it. As such, staff

has developed the following series of proposals:

- Restrict dogs in Bull Creek District Park to on-leash effective September 8, 2009.
- Complete a restoration plan for the park (including soil importation, re-vegetation and irrigation) to be implemented when weather is appropriate and in coordination with the construction of the Lakewood Drive low-water crossing improvements.
- Close the park during restoration efforts to allow for vegetation establishment and project success (estimated Oct – April 2010).
- Conduct routine water quality monitoring to evaluate the impact of the stepwise dog restrictions in the park (including the removal of off leash use during restoration planning and prohibition on dogs in park during park closure for construction).
- Complete search for suitable alternative dog off leash areas with the goal of finding suitable alternatives prior to the temporary park closure.
- Finalize recommendations of the City/Citizen Off-leash Task Force regarding existing off leash areas across Austin, methods for managing existing off leash areas and guidelines for creation of new off leash areas.
- Develop specific recommendations for appropriate, permanent management strategies for Bull Creek District Park. A number of strategies will be considered for Bull Creek, ranging from a citizen proposal for new dog tagging and voice control requirements to prohibitions on dogs at the park (Spring 2010)
- Implement a citywide public education campaign, including media spots and public art displays, about the water quality benefits of proper disposal of dog waste
- Apply for a grant to test innovative bacteria monitoring and control strategies

Staff will conduct a series of public discussions to collect feedback for the proposed actions. Key dates in the communication process are:

July 2009 – October 2009	Restoration project planning
July 20, 2009	Targeted brainstorming session with Austin Parks Foundation, Bull Creek Foundation, BCDOG regarding restoration plan and staff proposal
August 19, 2009	Environmental Board staff briefing to present an update of water quality monitoring results, discuss restoration planning and announce public hearing to review staff proposal
August 25, 2009	Parks Board staff briefing
August 2009 (date to be determined)	Public hearing on staff proposal at Joint Environmental/Parks Board Subcommittee on restoration plan, including a discussion of the full range of potential management strategies for bacteria reduction

Week of September 7, 2009	Memo to Council and City Manager detailing next steps following public meetings. Hold press conference in park and kick-off City-wide public education campaign. Submit application for grant.
October 2009-April 2010	Restoration/re-vegetation of the park in conjunction with Lakewood low water crossing improvements
Spring 2010	Finalize recommendations for permanent management strategies at Bull Creek District Park

We appreciate your continued support as we work to protect Austin's citizens and public resources. Please contact Sara Hensley, Director, PARD, at 974-6716, or Victoria Li, Director, WPD, at 974-9195 with any questions you may have regarding this issue.

cc: Marc A. Ott, City Manager
Victoria J. Li, P.E., Director, WPD
Sara Hensley, Director, PARD
David Lurie, Director, ATCHHSD
Greg Meszaros, Director, AWU

Item # 10

MOU SUMMARY SHEET

Project Name:		Shoal Creek - Rosedale Stormdrain Improvement Project Phase 2	
Parkland impacted by Project:		Ramsey Park	
Location of Parkland:		Rosedale and 43rd Street	
Type of Park Use Requested (Permanent/Temporary):		Temporary Workspace Easement (Staging Area)	
Type of Impact to Parkland:		EXPLANATION	
		Trail Closure	
		Facility Closure/Partial Use	
	X	Open Land or Feature Closure/Partial Use	Temporary workspace easement to access work site and store construction materials for stormdrain CIP project.
		Revenue Limitation	
Estimated Size of Parkland Requested (sq. ft.):		40,000	
Estimated Start Date for Parkland Use:		March, 2010	
Estimated Duration of Parkland Use:		405 calendar days	
Estimated Completion of Parkland Use:		April, 2011	
Mitigation Proposed by PARD:		\$241,071.43	
Requesting Dept. Point Of Contact:		Glen Taffinder, 512-974-3381	
PARD Point of Contact:		Ricardo Soliz - 512-974-9452	
Community Outreach Efforts Included:		Meetings held with Neighborhood Association on May 18th and June 22nd; Neighborhood Assn. responded with letter (attached) dated July 6, 2009	
MOU Draft			
Attachment "A" (Mitigation Calculations)			
Attachment "B" (Location Map)			
Attachment "C" (Letter from Neighborhood Assn.)			



MEMORANDUM OF UNDERSTANDING

TO: **Victoria Li** M.O.U. # **PARD 09-002**
Director, Watershed Protection and Development Review Department

FROM: **Sara Hensley**
Director, Parks and Recreation Department

SUBJECT: **Rosedale Stormwater and Water Quality Improvements, Phase IIA and IIB**

FDU #; 8602-6307-6832 ; Subproject I.D.: 5789.086

DATE: **(mm/dd/yy)**

Watershed Protection and Development Review Department (WPDRD) is allowed to use the parkland located at **Ramsey Park, 4301 Rosedale Avenue** as part of the work site for the above referenced project, as indicated in Attachment "B" (Location Map).

The parkland is to be used for Storage of materials during construction of storm drain improvements.
The requested area is:

Temporary Use: 40,000 sq. ft.

The estimated Project Start Date is March, 2010

The estimated duration of the parkland use is 405 Calendar Days.

Estimated Date of Final Completion (Restoration complete and accepted by Environmental Inspector and PARD; Parkland open for Public Use) is April, 2011.

Extension/modification of parkland use must receive prior written approval from PARD. Additional fees will be assessed at the same daily rate as stated in Attachment "A" of this M.O.U.

WPDRD is in agreement to provide the following mitigation in return for use of the parkland:

Funds Transfer in the amount of Two Hundred Forty-One Thousand Seventy-One Dollars and Forty-Three Cents (\$241,071.43) to be paid either on March 1, 2010, or on the date the construction contract is awarded by City Council, whichever occurs later.

WPDRD Point of Contact is: **Glen Taffinder**

Phone Number: **974-3381**

PARD Point of Contact is: **Ricardo Soliz**

Phone Number: **974-6765**

(Final Authority) Approval: **(Date)**

Mitigation funding in the amount of Funds Transfer in the amount of Two Hundred Forty-One Thousand Seventy-One Dollars and Forty-Three Cents (\$241,071.43) has been agreed to.

Sara Hensley
Director, Parks and Recreation Department

Date

CONCURRENCE

Victoria Li
Director, Watershed Protection and Development Review Department

Date

Attachments: A (Mitigation Calculation Worksheet)
 B (Location Map)

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET - SUMMARY

	Calculated Fee
Temporary Use - Staging/Storage	\$241,071.43
TOTAL =	\$241,071.43

Project:	Rosedale Stormwater and Water Quality Improvements, Phase IIA and IIB		
MOU #	09-002	(Ramsey Park)	

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET

Temporary Use - Residential		Project:	Rosedale Stormwater and Water Quality Improvements, Phase IIA	
			and IIB	
		MOU #	09-002	(Ramsey Park)
TCAD Land Value of Adjacent Properties (\$):	\$250,000.00			
Average Lot Size (sq. ft.):	7000.0	Based on City-wide average for lots zoned SF-3		
Value per Square Ft. (\$):	\$35.714	Average		
Requested Area (sq. ft.):	40000.0	Submitted by Requesting Department/Entity		
Preliminary Annual Value of Requested Area (\$)	\$1,428,571.43	Area requested multiplied by Value per Square Ft.		
Adjusted Annual Value of Requested Area (\$)	\$214,285.71	(15% Rate of Return)		
Monthly Value of Requested Area (\$)	\$17,857.14	Adjusted Annual Value divided by 12		
Daily Temporary Use Fee (\$):	\$595.24	Monthly Value divided by 30 (Average number of days in a month)		
Days Requested:	405	Submitted by Requesting Department/Entity		
Temporary Use Fee (\$):	\$241,071.43	Daily Temporary Use Fee multiplied by Days Requested		



**Watershed Protection
Development Review**

Proposed, Temporary Closure of North Area of Park

MEETING JUNE 22, 2009

The City of Austin is proposing to use part of Ramsey Park as a staging area for a project to improve the storm drain system in the Rosedale neighborhood and alleviate current flooding problems. The northeast end of the park, including part of the ball park, would be off-limits for a period of about 15 months. The start date of construction has not yet been set. Funds will be set aside for improvements to the park for the inconvenience if the parkland is used for the storm drain project.

City staff will be available to answer questions at the next Rosedale Neighborhood Meeting at 6:45 p.m. Monday, June 22, 2009, Yarborough Branch Library, 2200 Hancock Drive.

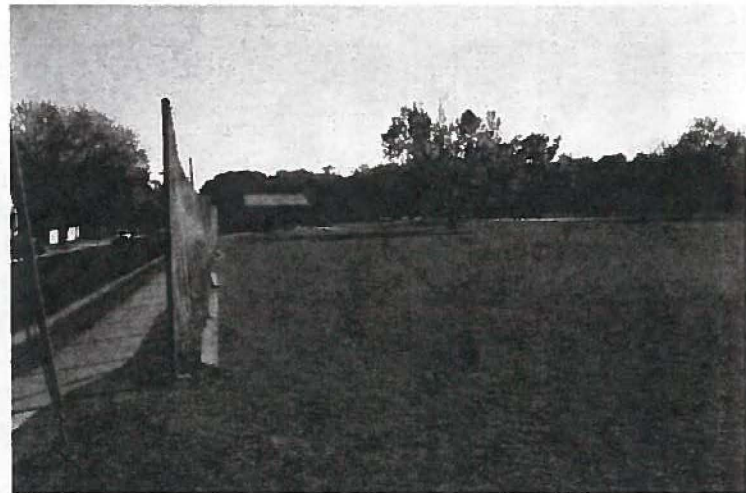
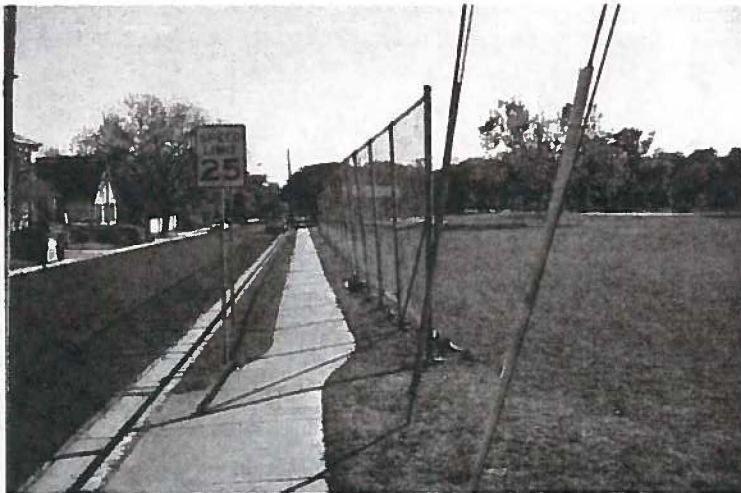
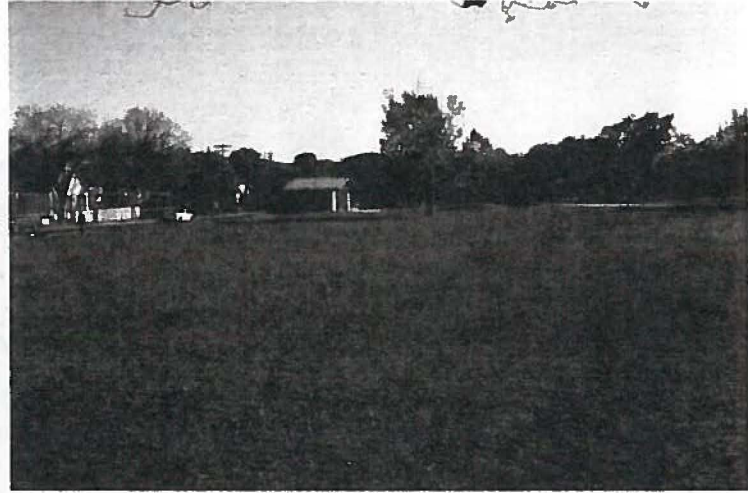
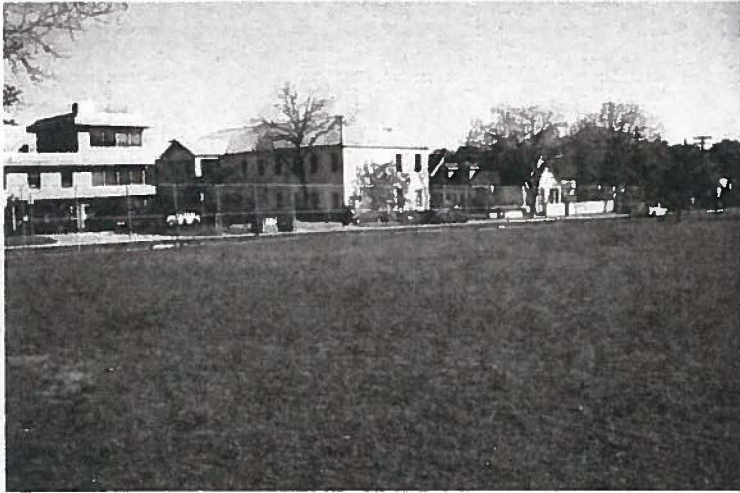
**Watershed Protection and
Development Review Department
512-974-3371**

www.cityofaustin.org/watershed/flood_rosedale.htm

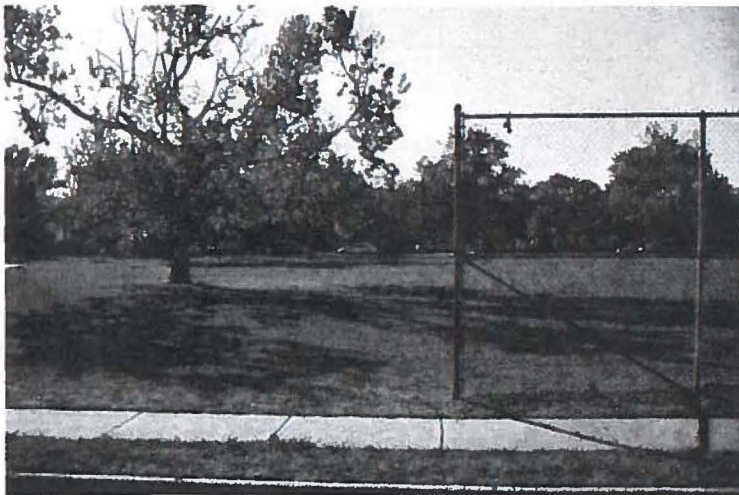
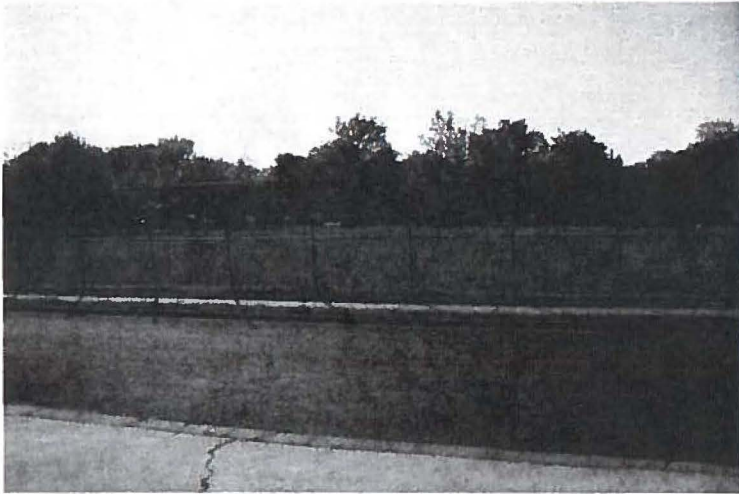
Rosedale Stormwater Improvements Project Phase IIA and IIB

Ramsey Park Temporary Staging and Material Storage Site

Project Number: 7067.10



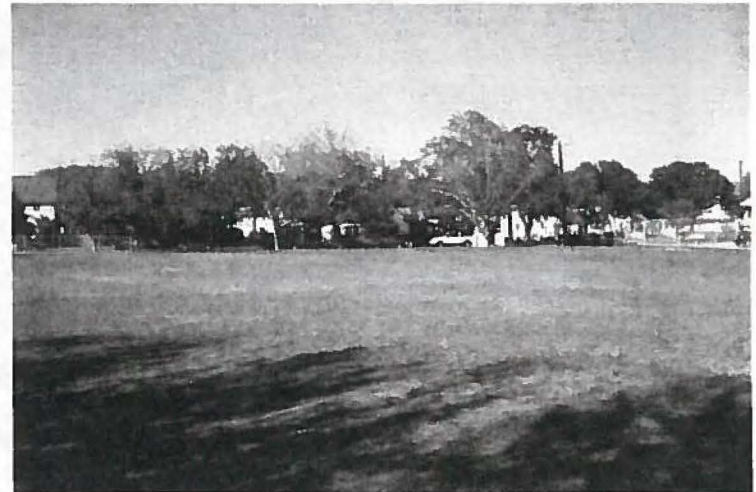
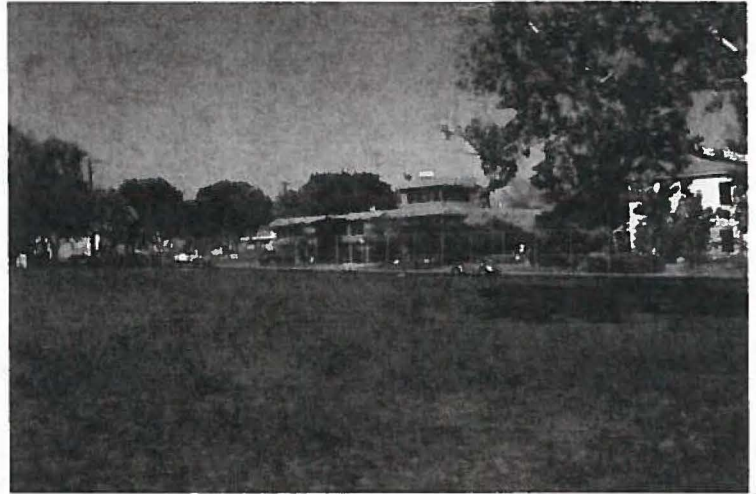
Rosedale Stormwater Improvements Project Phase IIA and IIB
Ramsey Park Temporary Staging and Material Storage Site
Project Number: 7067.10

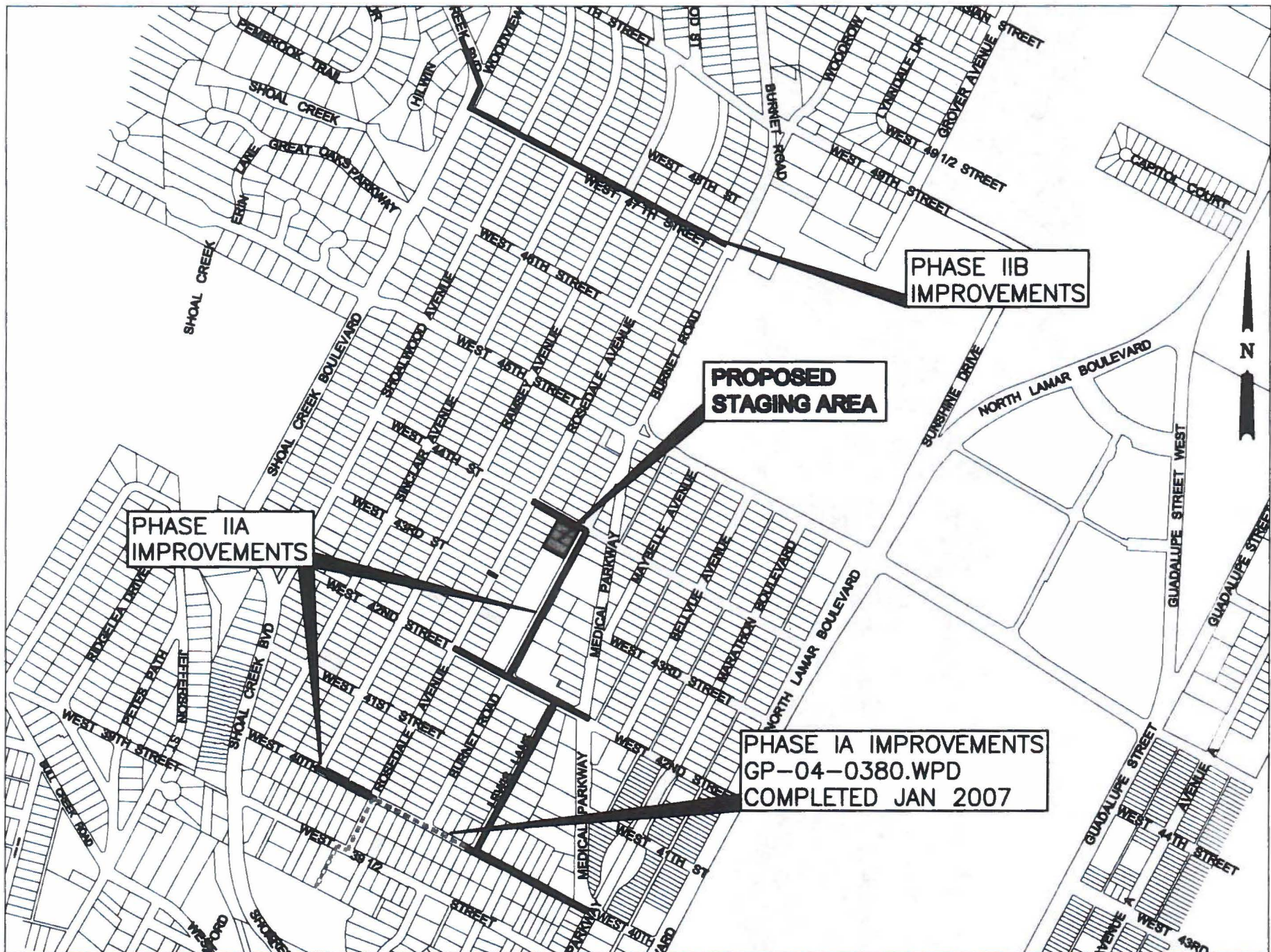


Rosedale Stormwater Improvements Project Phase IIA and IIB

Ramsey Park Temporary Staging and Material Storage Site

Project Number: 7067.10





CITY GRIDS: J-25, J-26, J-27

LOCATION MAP

N.T.S.



"Working together to keep our neighborhood
a nice place to come home to."

July 6, 2009

Stephanie,

We would like to thank you and the other representatives from the City of Austin Watershed Department and Parks Department for attending two of our neighborhood association meetings and providing us information pertaining to Phase II of the Stormwater Upgrade in Rosedale and information about using Ramsey Park as a staging area for this project.

The Rosedale Neighborhood Association has made several efforts to distribute this information to all Rosedale residents. Included with this letter are two attachments showing the information that we have distributed. Both attachments were posted on the Rosedale listserv, and the first attachment was also printed in our newsletter, which is both hand delivered to each residence and posted on our neighborhood website. We have also had two meetings at which you were in attendance where most of this information was discussed. Our efforts to inform the neighborhood have focused on Rosedale residents. We have not had any discussions with the businesses in Rosedale.

We recognize that locating the staging area at Ramsey Park will have a huge impact on the Rosedale neighborhood since the park is heavily used by Rosedale residents. We know also that Ramsey Park is a destination park for many individuals and groups from outside Rosedale. Consequently, we consider this matter to be of major importance to Rosedale.

After listening to many comments, we are of the opinion that most residents, while regretting the negative impact of locating the staging area in the park, agree that the project should proceed as planned and that Ramsey Park can be used as the staging area for the project. Most residents see, first and foremost, the need to address flooding problems as soon as possible. Those problems are real. To prevent the flooding of residences, yards, and streets in the event of heavy rains, the project should not be delayed. In addition, most residents are willing to agree to the use of Ramsey Park as the staging area because that use will result in mitigation funds to be used for improvements at the park. Upgrades and repairs for Ramsey Park, the focal point of our neighborhood, are much needed. The mitigation funds are likely exceed \$200,000 according to City Park representatives who were present at the two neighborhood meetings, which is an amount that creates a strong incentive leading most residents to agree to the staging area.

We acknowledge that a small number of residents and park users oppose the staging area being located at Ramsey Park. Their concerns relate primarily to the noise and dust that would be created at the staging area, to the movement of construction equipment in front of or near their homes, and to the loss of the baseball field for the length of the project.

Without diminishing the merit of their concerns, we have concluded that the benefits of the project and the use of the park for the staging area greatly outweigh the negative effects. We believe that a large majority of Rosedale residents and certainly a majority of those who have contacted the neighborhood association feel that the flooding problems in the neighborhood should be addressed soon and that the mitigation funds will provide improvements to the park's infrastructure that otherwise might not ever be accomplished. For these reasons, many Rosedale residents are willing to allow our beloved park to be used as the staging area.

Thus, we as the Steering Committee for the Rosedale Neighborhood Association, on behalf our neighborhood, agree that the City of Austin Watershed Department should move forward with the preparations to use the northeast corner of Ramsey Park for a staging area for the Phase II Stormwater Drain Upgrade. However, we would like to limit this approval to Phase II only if it is put on the fast track to begin in 2010. If for some reason Phase II is not put on the fast track and is delayed until 2012, Rosedale would like to revisit the staging area decision at that time. The approval to use Ramsey Park is also dependent on the requirement that the City of Austin use the mitigation money from the staging area fund to make improvements at Ramsey Park. At the appropriate time, the RNA will conduct a survey among residents to determine the priority of improvements for our park.

Our approval is contingent on the City or the contractor returning the staging area to its original or better condition on completion of the project. That would include:

- All road base or foreign materials brought in for the staging should be removed, the compacted soil should be aerated, and appropriate soil should be brought in to provide a level field
- All damaged curbs and sidewalks should be repaired or replaced
- The current outfield fence, because of removal or alteration due to access to the staging area, should be replaced, including fence posts and fencing materials.

Also, one of the concerns mentioned regarding any staging area is the amount of dust it would create. In that regards, we have two suggestions:

- The City or contractor should explore the possibility of an overhead automatic water sprinkler that could be activated when the movement of equipment or materials would stir up a large amount of dust or particulates.
- We understand that the fencing around the staging area is covered with some kind of barrier fabric. If possible, that fabric should be of a quality that helps to prevent the spread of dust. .

And, two new issues that were not brought up at the meeting are:

- Concern about the number of worker vehicles that would be located around the staging area. We request a limit on this number of worker vehicles around the staging area as that area is already congested from commercial parking by businesses located in the 4200 and 4300 blocks of Burnet Road. In addition, we request that worker vehicles not be parked in front of residences.
- The need for a contact person at the City who could be contacted by residents with questions or concerns if they arise. Also, it would be helpful if that person would post occasional messages to our listserv about the progress of the project.

Thank you again for all of your help with this project.

Joyce and Mark Brown

Kim and Richard Relph

Co-Presidents, Rosedale Neighborhood Association

Item # 11



MuniAgenda



Police
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION

AGENDA DATE:

Title: 61809 APD Watercraft Noise Ordinance

Subject: Approve an ordinance amending City Code Chapter 9-2 (Noise and Amplified Sound) relating to noise from sound equipment in watercraft; and creating an offense.

Amount and Source of Funding:

Fiscal Note:

Agenda Category: Police

For More Information: David Carter, APD Chief of Staff/974-5030

Prior Council Action: March 12, 2009 Council amendment.

Boards and Commission Action:

Purchasing Language:

MBE/WBE:

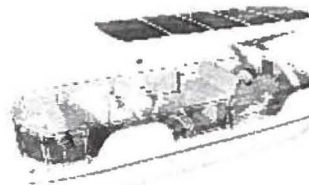
This action is to approve an ordinance amending City Code Chapter 9-2 (Noise and Amplified Sound) relating to noise from sound equipment in watercraft. City Code Section 9-2-3(5) currently applies to operating sound equipment (such as radios) from a motor vehicle but does not specifically include noise from sound equipment in a watercraft. Under the current ordinance it is a violation to "operate sound equipment in a vehicle audible or causing a vibration 30 feet from the equipment." The Austin Police Department is requesting that Section 9-2-3 be amended to include sound equipment noise from watercraft. APD has assumed previous Parks Patrol functions, and has been receiving complaints and concerns from citizens regarding loud music coming from watercraft on the lake. This ordinance amendment would allow police officers to enforce the law relating to noise coming from sound equipment on watercraft. Without this amendment, APD is unable to apply the noise ordinance provisions to address citizen concerns.

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Watercraft Noise Ordinance Amendment Recommendation

Austin Police Department

Navigation Subcommittee Meeting
Parks & Recreation Board
July 20, 2009



Current Ordinance

§9-2-1 defines eight key elements of the Noise and Amplified Sound Ordinance: Decibel, Director, Noise, Outdoor Music Venue, Accountable Official, Sixth Street District, Sound Equipment, and Warehouse District. There is no mention or definition of Watercrafts.

§9-2-3 refers to the general restrictions on making noise and operating sound equipment. There is no mention of restrictions on sound equipment in a watercraft.



Recent Complaints

- The two areas that generate the most complaints are Bull Creek and Bee Creek.
- On any given holiday weekend, there are over 200 boats in the same area at the same time.
- Complainants, who live in the immediate area, state that they can hear music emitting from the watercrafts and that it is excessive and unreasonable.



Restraints on Enforcement

- Currently, the City Ordinance does not specifically address the issue of noise from a watercraft.
- Officers have to rely on voluntary compliance from violators. There is no legitimate standing for an officer to enforce a noise ordinance violation complaint.
- Criminal accountability rests solely on the complainants. Complainants wanting to take action have to file a Class C Misdemeanor Disorderly Conduct complaint through Municipal Court.



Recommendations

Amend Chapter §9-2-1 "Definitions" of the Noise and Amplified Sound Ordinance to include the definition of a watercraft:

(9) WATERCRAFT means a boat or other structure designed to float on water, and includes a barge, marina, or similar floating object.

Amend Chapter §9-2-3 "General Restrictions" of the Noise and Amplified Sound Ordinance to include restrictions of a watercraft:

(6) operate sound equipment in a watercraft audible or causing a vibration 100 feet from the equipment.



Bee Creek Photographs July 4, 2009





Bee Creek Photographs July 4, 2009



Bull Creek Photographs July 4, 2009



Item # 12



PARKS AND RECREATION BOARD MOTION

Date: July 28, 2009

Subject: Support for Environmental Board Resolution 071509-4a;
Recommendations on Bulkheads

Recommendation

The Parks and Recreation Board supports and recommends the Environmental Board's recommendation to the Planning Commission and to the Austin City Council that the City Manager be directed to initiate staff development of code and criteria changes as necessary to clarify shoreline protection requirements for development along Lake Austin, Lady Bird Lake and Lake Walter E. Long.

This is to include the prevention of vertical bulkheads and promotion of stable shorelines with materials and designs that will provide the environmental function of native riparian vegetation and shoreline geomorphology while providing the necessary erosion control desired by property owners.

It is also recommended that the code and criteria changes regarding lake shoreline protection be processed in conjunction with the proposed code amendments relating to trams and boat dock access that are already under consideration.

Vote:

For:

Against:

Abstain:

Absent:

Approved by:

Linda Guerrero
Parks and Recreation Board Chair

**Staff Response to Bruce Aupperle's questions posed at the
Environmental Board on June 17, 2009 (Meeting Item 2c - Lake Austin
and Shoreline Protection and Bulkheads)**

- **Why would we limit bulkheads to Lake Austin and not the other Lakes?**

This resolution was initiated following City Staff presentation on Lake Austin. This presentation identified widespread degraded riparian habitat associated with prevalent use of vertical bulkheads on Lake Austin. The need for the limitation is greatest on Lake Austin due to the prevalence of private property compared to other area lakes, but there is no reason the clarifications to code and criteria manuals could not apply to Lake Walter E. Long and Lady Bird Lake.

- **Why is the Environmental Board opposed to vertical bulkheads?**

The staff reviewing the results of years of vertical bulkhead construction on Lake Austin presented their data to the Environmental Board. The Environmental Board response was to ask that staff initiate a review of the rules and criteria addressing alternatives to vertical bulkheads that preserve the natural and traditional character of the shoreline habitat. Vertical bulkheading has been identified by entities at the local, state and federal level as a practice which degrades aquatic habitat as well as the physical environment which could otherwise naturally provide wave attenuation, water quality and biological benefits. The City's Land Development Code already prohibits smooth vertical bulkheads. However, in application, the language is unclear as evidenced by the prevalence of bulkheading on Lake Austin. In terms of habitat degradation, neither smooth vertical bulkheads, corrugated vertical bulkheads, saw-tooth vertical bulkheads, or variants thereof meet the conditions of the Land Development Code for preservation of Critical Environmental Features and Natural and Traditional Character. This resolution will allow for a clarification of the code and criteria manual language, as well as the development of more environmentally sensitive shoreline protection options.

- **What is the definition of a vertical bulkhead.**

The primary goal of this resolution is to initiate staff and stakeholder development on the clarification of code and criteria language such as this. Is "vertical" 90 degrees, and if so, is an 89 degree bulkhead *not* vertical. The definition of "vertical bulkhead" and other key terms will be proposed by staff and reviewed by stakeholders as per the directive of this resolution.

- **How will these changes impact the property owners?**

These changes will better define code and criteria requirements for bulkheads, and provide the property owner with more techniques which balance the interests in shoreline stabilization while protecting the community interests in wave attenuation, and maintaining the integrity of water quality and aquatic ecosystems. Property-owners with existing bulkheading would not be affected by the new criteria unless new construction was desired.

- **How will property owners be involved in the process?**

There will be a comprehensive stakeholder process providing ample opportunity for public input before any changes are approved. The request to process these changes in conjunction with related code amendments on trams and boat dock access will be more efficient than considering them alone. There is overlap in stakeholders with interests in both tram and bulkhead requirements; therefore, this parallel process should result in fewer, more productive meetings for property owners.

- **What is the source of the problem?**

The source of the problem is the limited guidance and lack of clear code and criteria language for shoreline protection. This problem can be addressed by clarification of the code and providing guidance on improved techniques that absorb, rather than reflect, wave energy while simultaneously promoting beneficial biological functions of the shoreline. A separate issue would be the reported increase in wake heights and corresponding wave action due to recreational boating practices which have changed over time. It is not anticipated that this problem would be solved through the land development code, technical criteria manuals, or standard details and specifications.

- **Explain, what is Boat dock access?**

As in the question about the definition of vertical bulkheads, the resolution is intended to initiate a process that will clarify this term. The term is used in this resolution to refer to a topic which is already under review as part of the development of code and criteria changes for design of tram systems.

- **Land Development Code references provisions that prohibit smooth vertical bulkheads**

The LDC section §25-2-1174(C) states “...a smooth vertical surface is not permitted on the main body of a lake. The surface of a wall or bulkhead constructed on the main body of a lake must be designed to minimize wave return and reduce wave action.” Following recent surveys of Lake Austin shoreline development, it has become apparent that this section of the code requires clarification. Vertical bulkheads have been constructed which, while not precisely smooth in vertical profile, nevertheless degrade Critical Environmental Features and Natural and Traditional Character of the shoreline. Therefore, the intent of the code currently is that these would also require variances for approval. In some situations this may be appropriate if recommended by the Environmental Board. The process proposed would clarify the terms and application of this section of the code and others as needed in a manner acceptable to the stakeholders participating.

In response to the concerns voiced during the June 17, 2009 Environmental Board, ERM Staff would like to recommend the following changes to the language of the motion.

The Environmental Board recommends to the Planning Commission and to the Austin City Council that the City Manager be directed to initiate staff development of code and criteria changes as necessary to clarify shoreline protection requirements for development along Lake Austin, Lady Bird Lake and Lake Walter E. Long.

This is to include the prevention of vertical bulkheads and promotion of stable shorelines with materials and designs that will enhance provide the environmental function of shoreline wetlands native riparian vegetation and shoreline geomorphology while providing the necessary erosion control desired by property owners.

The Environmental Board further recommends that the code and criteria changes regarding Lake Austin lake shoreline protection be processed in conjunction with the proposed code amendments relating to trams and boat docks access that are already under consideration.

If you have any additional concerns or questions, please feel free to contact Andrew Clamann (974-2694), Scott Hiers (974-1916) or Ed Peacock (974-2224).

Item # 13

Parks and Recreation Board

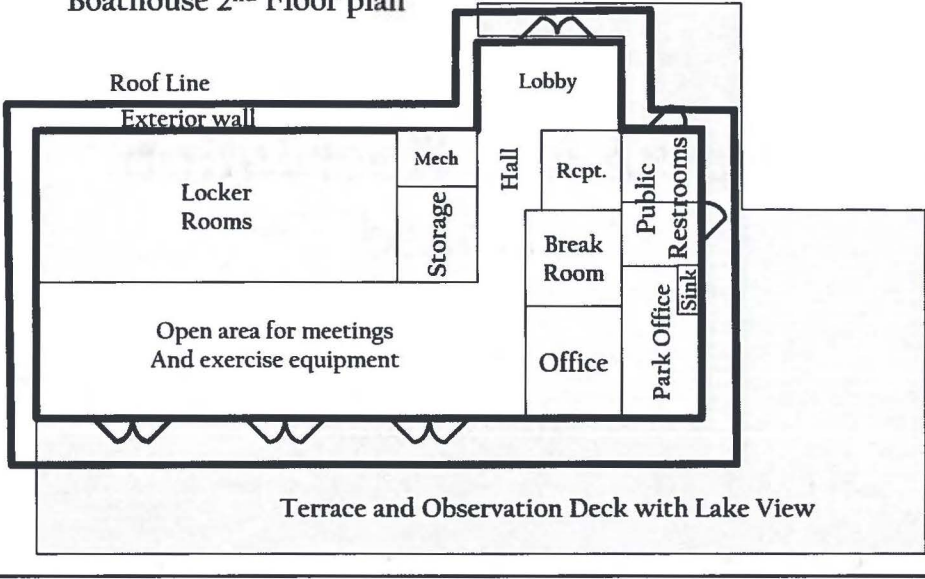
August 2009

Aerial View of Outlet



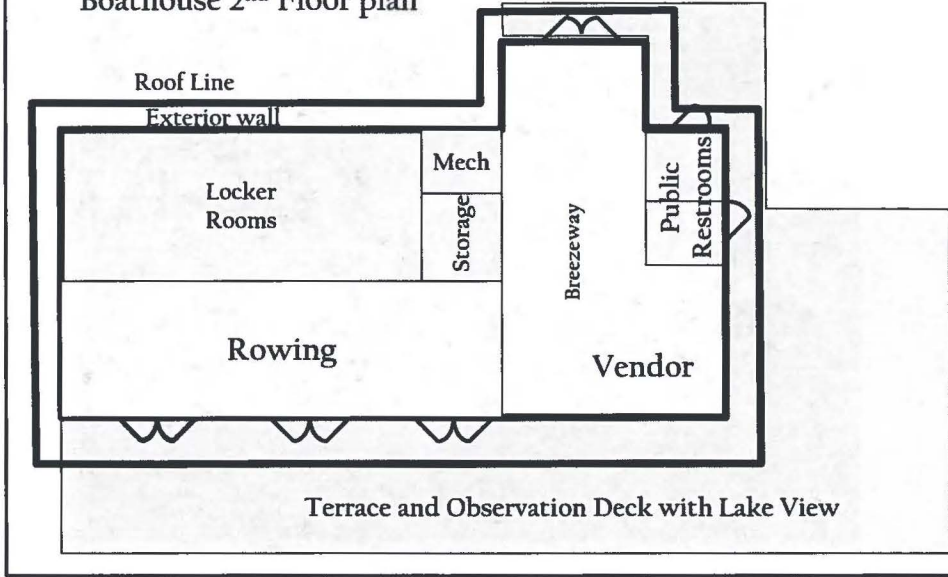
Current Design

Boathouse 2nd Floor plan



Option A – Minor Modifications

Boathouse 2nd Floor plan



Option A: Current Design with Minor Modifications

Proposed Changes

Remove reception area
 Remove break room
 Remove rowing office
 Remove PARD office
 Add defined vendor area
 Add breezeway

Cost Impact

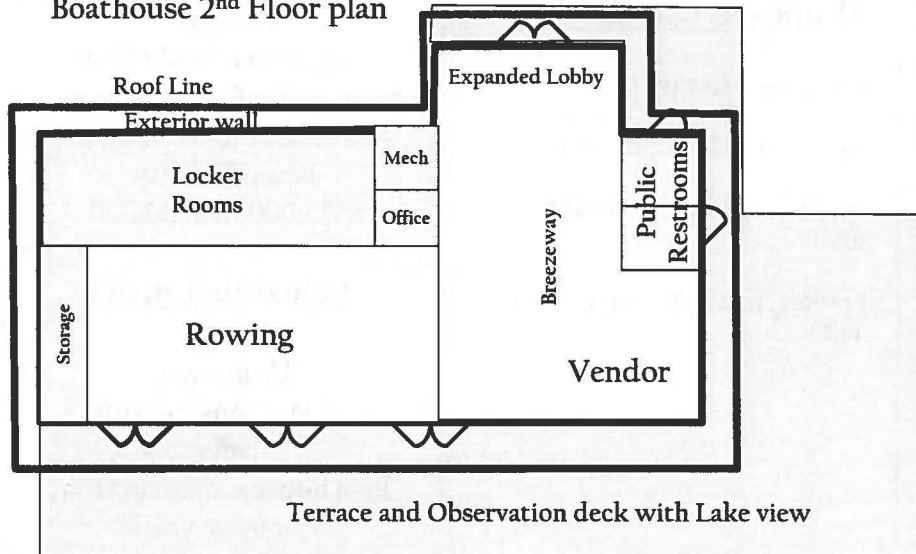
Design
 \$5,000 to \$50,000
 Boathouse Construction
 None

Schedule Impact

Design
 1 to 3 months
 Outlet Construction
 None
 Boathouse Construction
 None

Option B – Reconfigure with Same Footprint

Boathouse 2nd Floor plan



Option B: Reconfiguration with Same Footprint

Proposed Changes

Reduce locker area
Reduce rowing area
Remove reception area
Remove break room
Remove rowing office
Remove PARD office
Add larger vendor area
Add larger breezeway

Cost Impact

Design
\$150,000 to \$200,000
Boathouse Construction
Minimal

Schedule Impact

Design
3 to 6 months
Outlet Construction
Possible delay
Boathouse Construction
1 to 3 months

Option C: Reconfiguration with Expanded Footprint

Proposed Changes

Expanded footprint
Add defined vendor area
Add breezeway, common area

Locker, rowing area, offices, TBD

Cost Impact

Design
\$452,000 to \$500,000
Boathouse Construction
\$2 million to \$4 million
Temp Facility
\$575,000 to \$700,000

Schedule Impact

Design
Unknown
Outlet Construction
None
Boathouse Construction
4 or more years

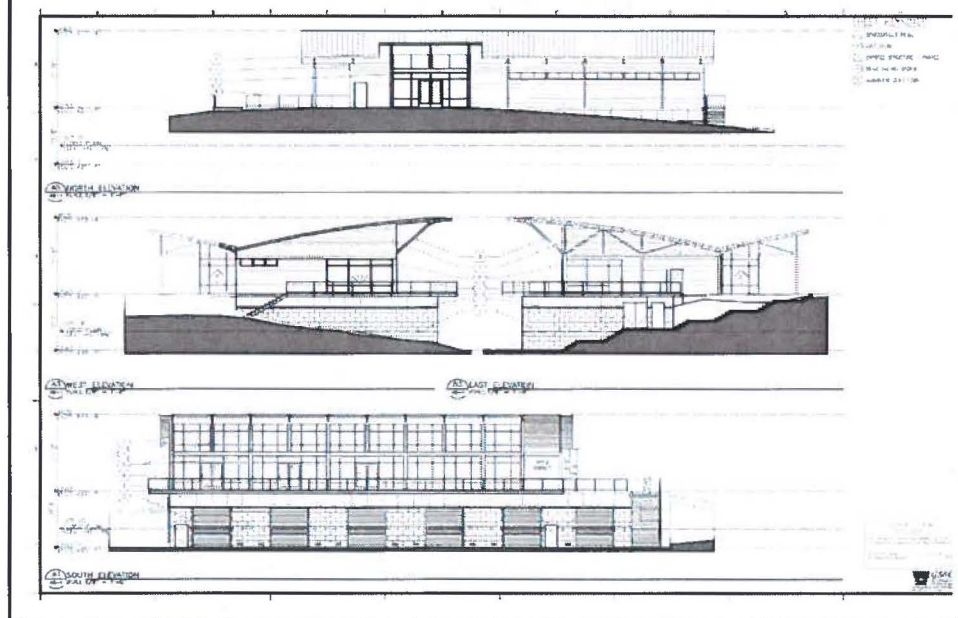
WCCAC Action

- On June 16th, COA presented three available boathouse design options.
- WCCAC cast a majority for Options A or B.

Questions?

- Contact Carolyn Perez at 974-7139 or visit <http://www.ci.austin.tx.us/wallercreek>

Boathouse Elevation Drawings



Item # 14

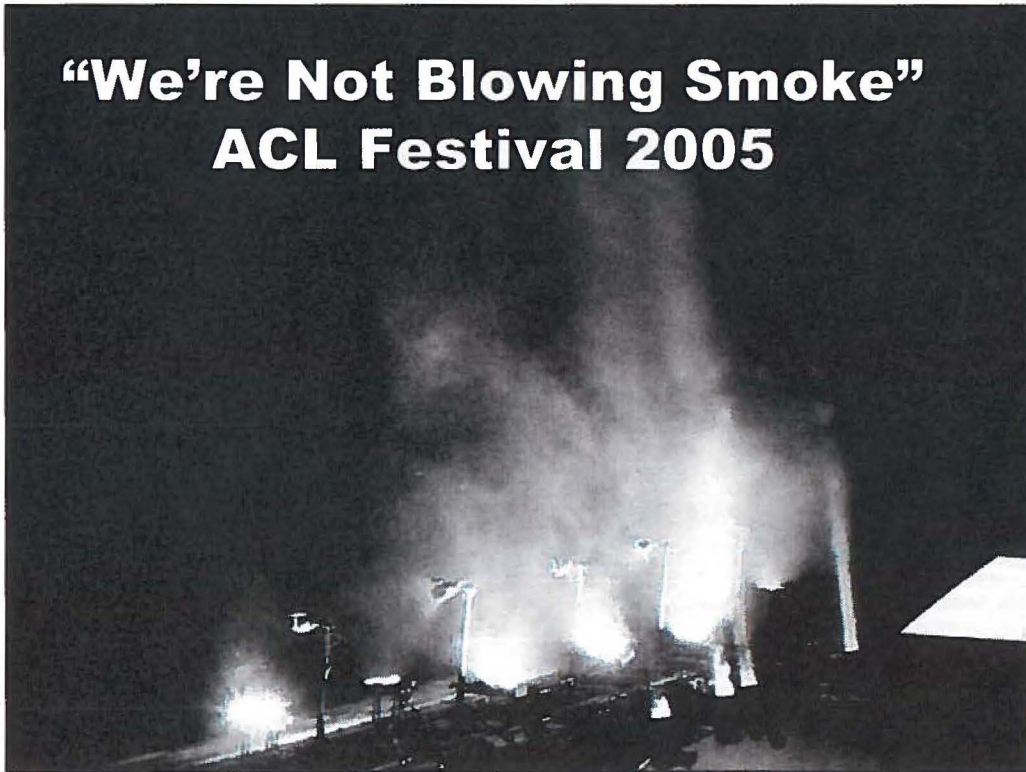
Zilker Metropolitan Park “Great Lawn” Park Improvement Project



Zilker Metropolitan Park “Great Lawn”

- **Project Goals**
 - Eliminate Health & Safety Concerns
 - Dust Control
 - Drinking Fountains/Misters
 - Trip & Fall Hazards
- **Project Objective**
 - Install Infrastructure To Support Park Use

“We’re Not Blowing Smoke” ACL Festival 2005



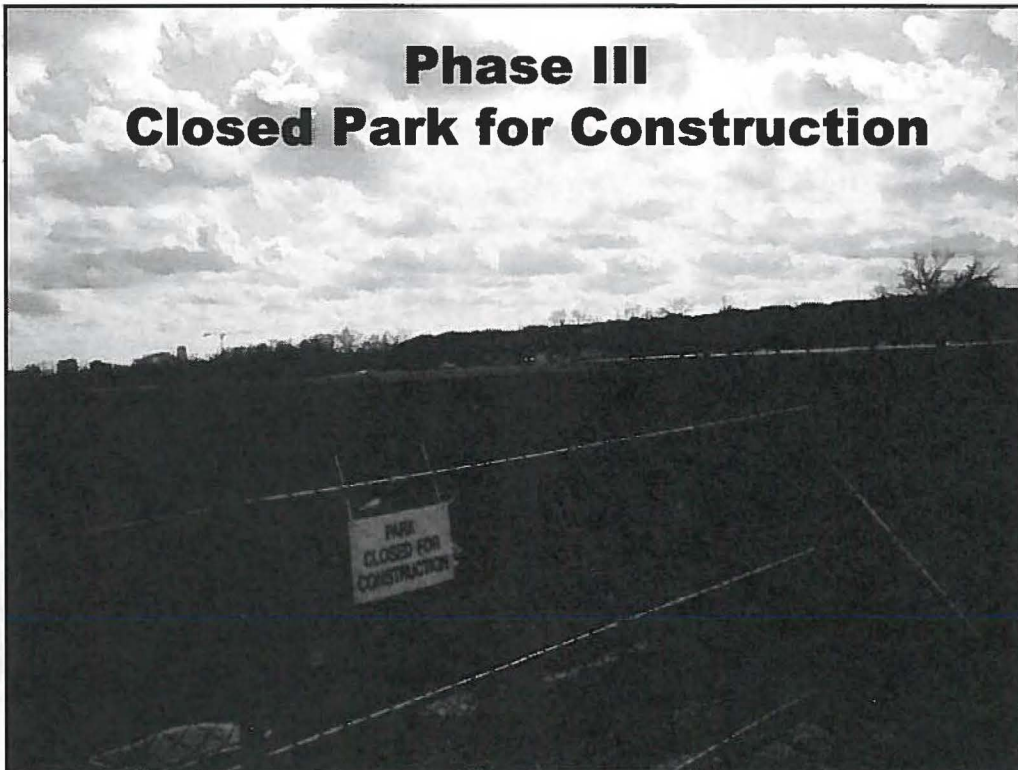
Zilker Metropolitan Park “Great Lawn”

- **Phase I (2006)**
 - Install Manual Irrigation System
- **Phase II (2008)**
 - Replace Irrigation Pump Station/Mainline from Lady Bird Lake
- **Phase III (2009)**
 - Remove Trip & Fall Hazards (Grading and Leveling)
 - Install Automatic Irrigation System
 - Install High Traffic Turfgrass
 - Install Drinking Fountains
 - Upgrade Telecommunication Equipment

Zilker Metropolitan Park “Great Lawn” Public/Private Partnership

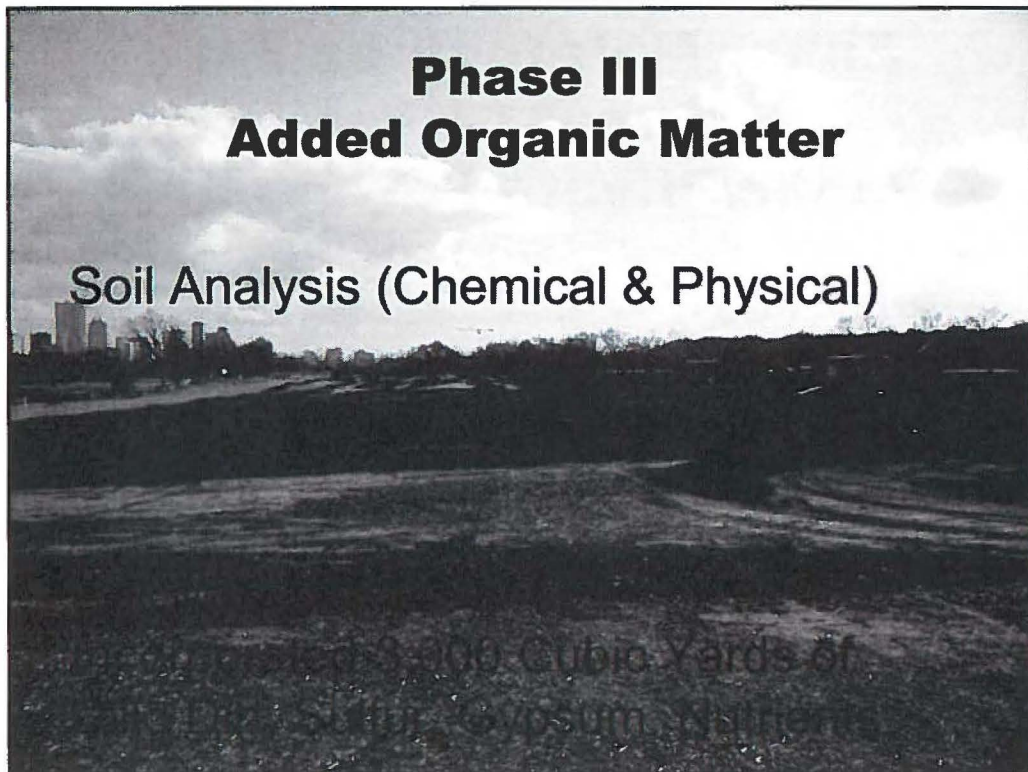
- **Project Cost**
 - \$2.5 million
 - Funded by C3 Presents through a donation to the Austin Parks Foundation
- **Project Management**
 - Coordinated by Parks and Recreation Department

Phase III Closed Park for Construction



Phase III Added Organic Matter

Soil Analysis (Chemical & Physical)

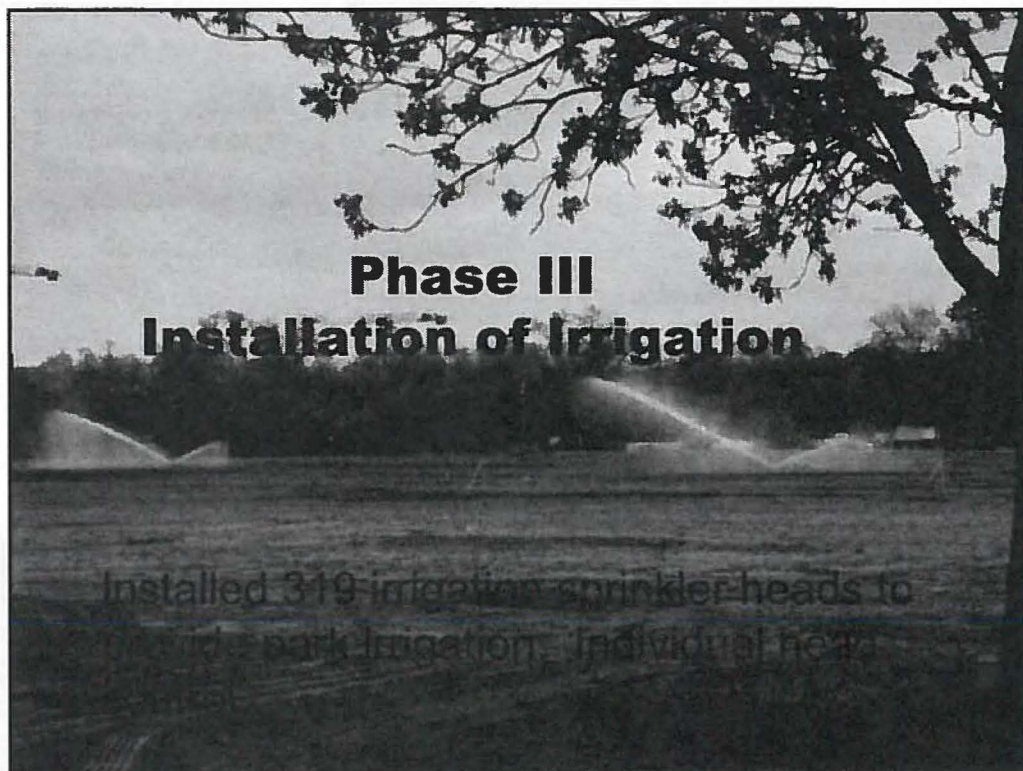


Added 3,000 Cubic Yards of
Topsoil & Gypsum Material

Phase III Removed Trip and Fall Hazards



Graded the soil



Computer Controlled Irrigation



The park irrigation system is supported by a computer-controlled system to provide precise and efficient application of water. This system eliminates the human error element.

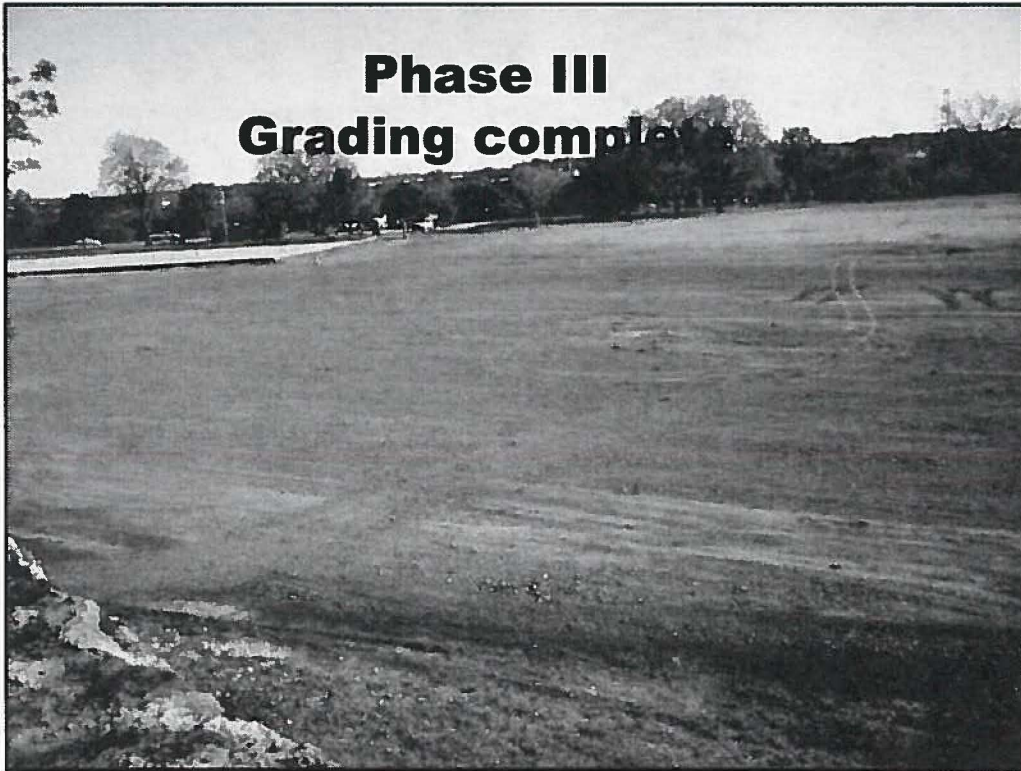
Weather Stations



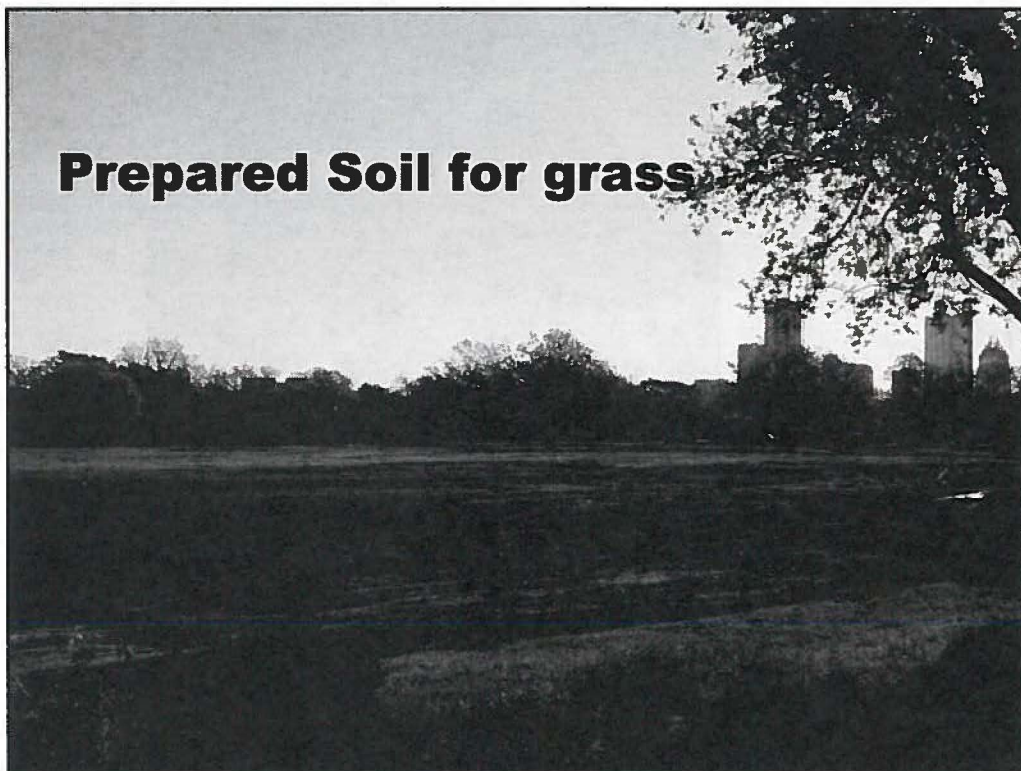
- Located at Camp Mabry
- National Oceanic & Atmospheric Association (NOAA)

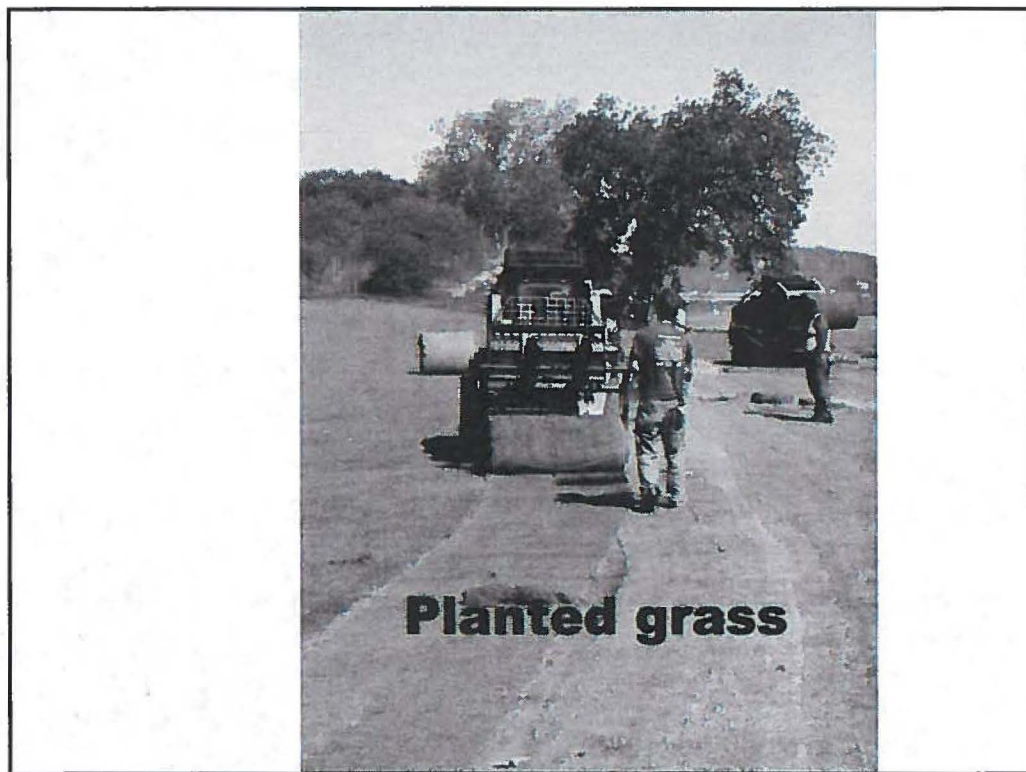


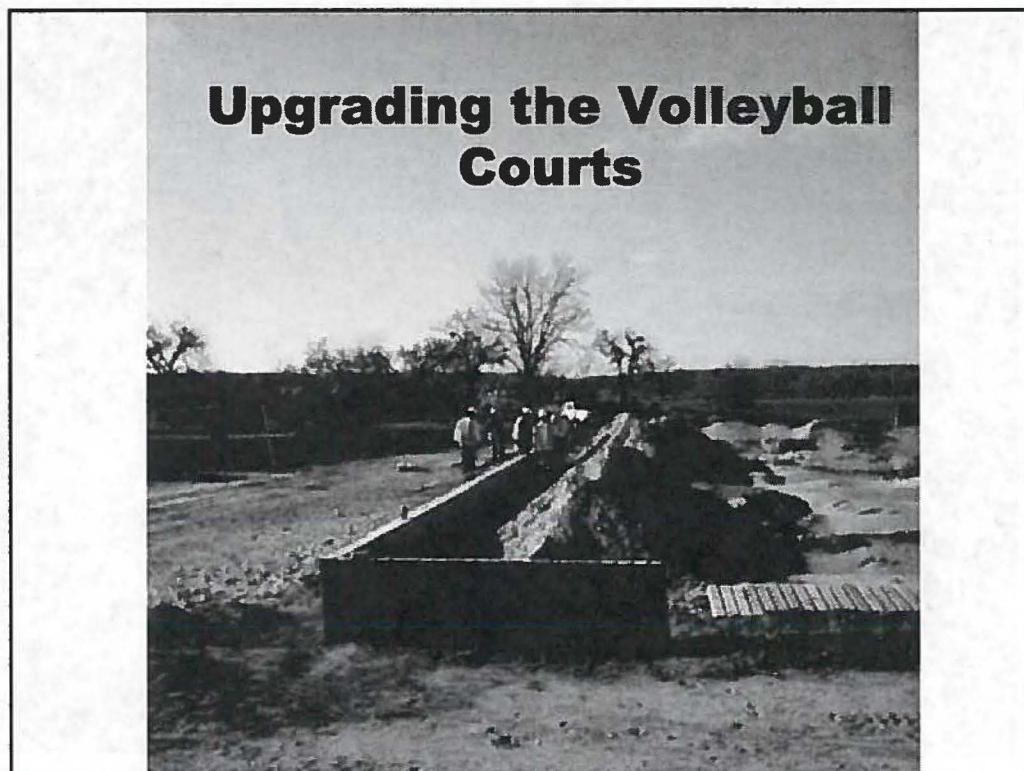
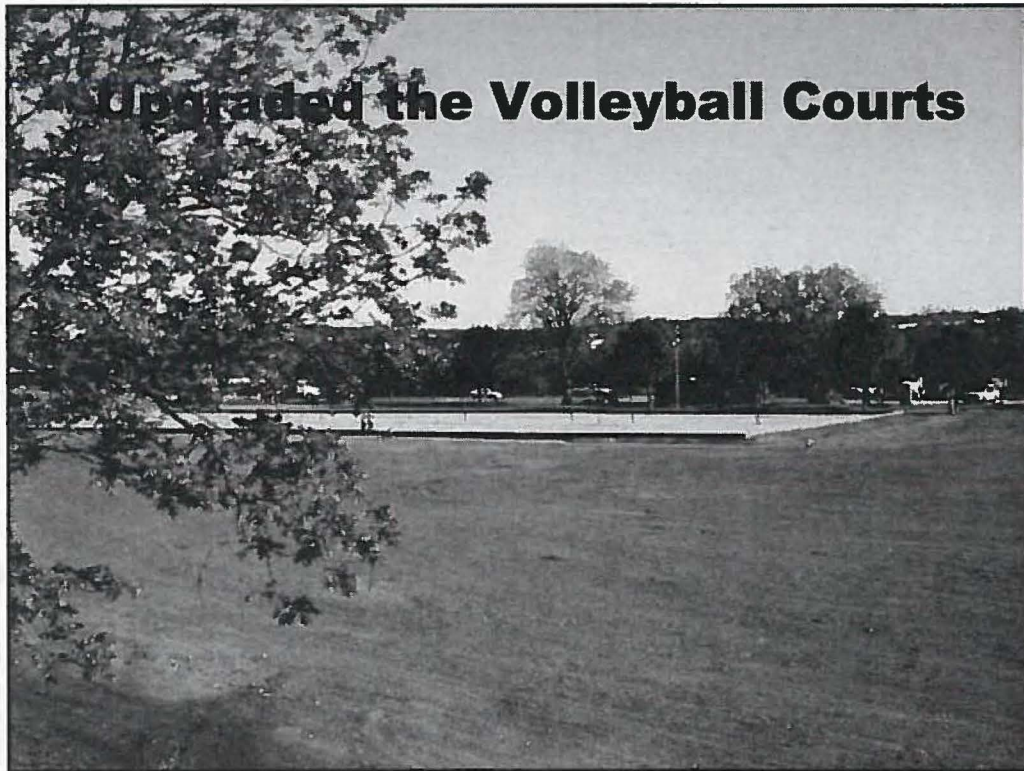
**Phase III
Grading complete**

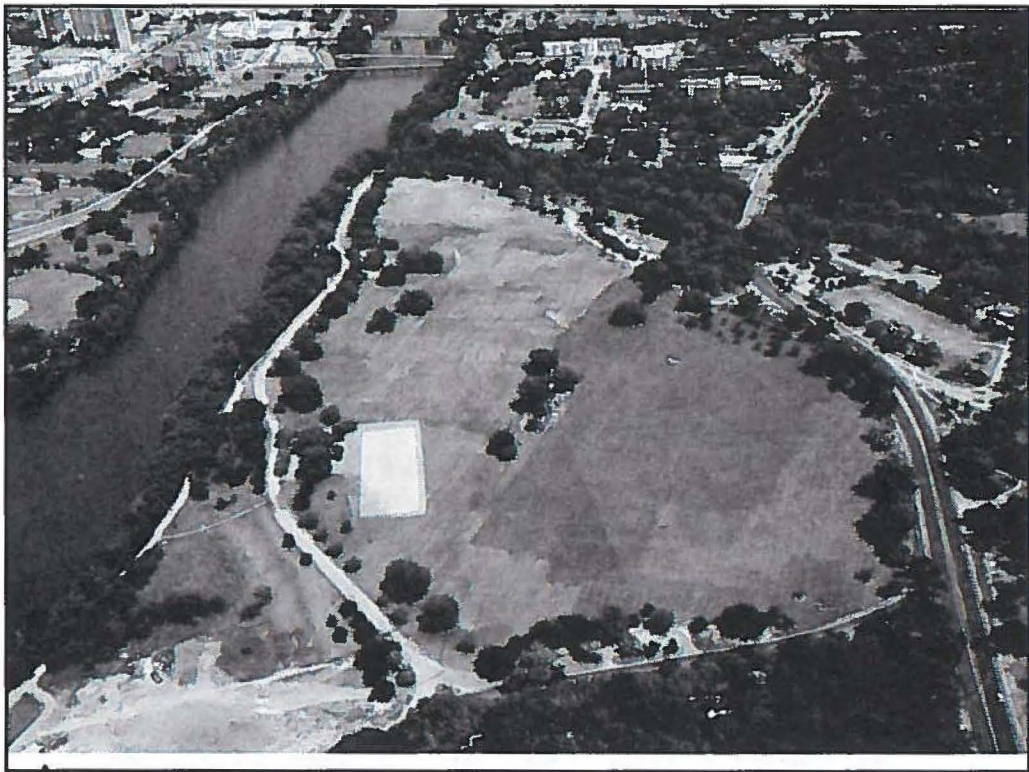
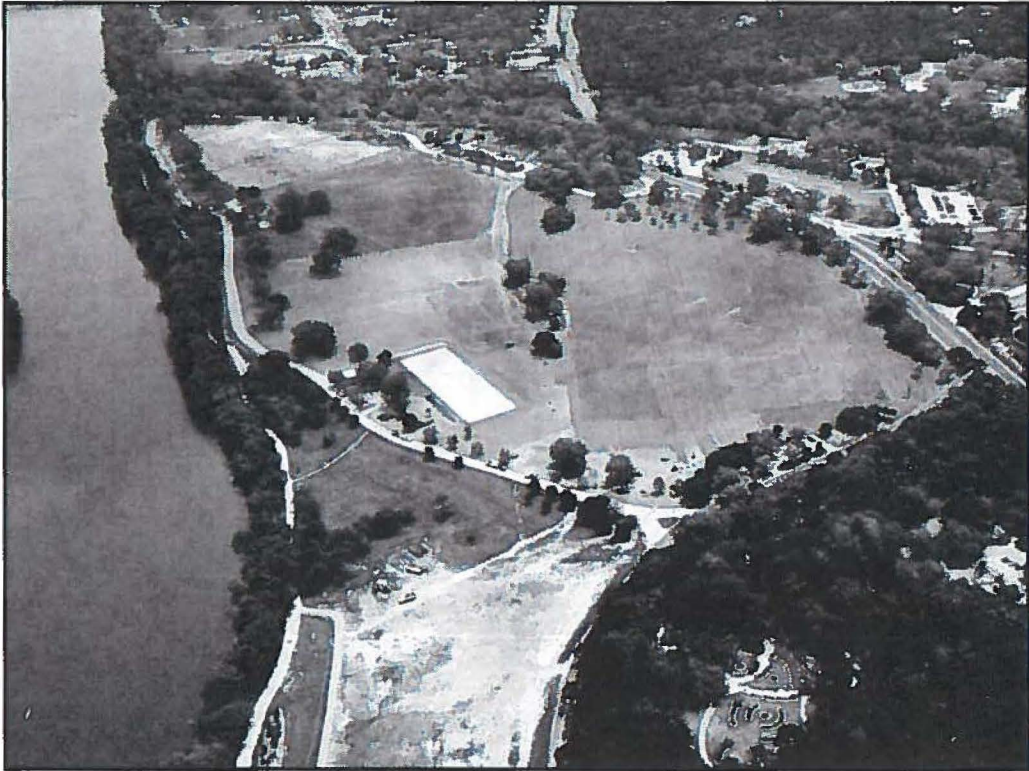


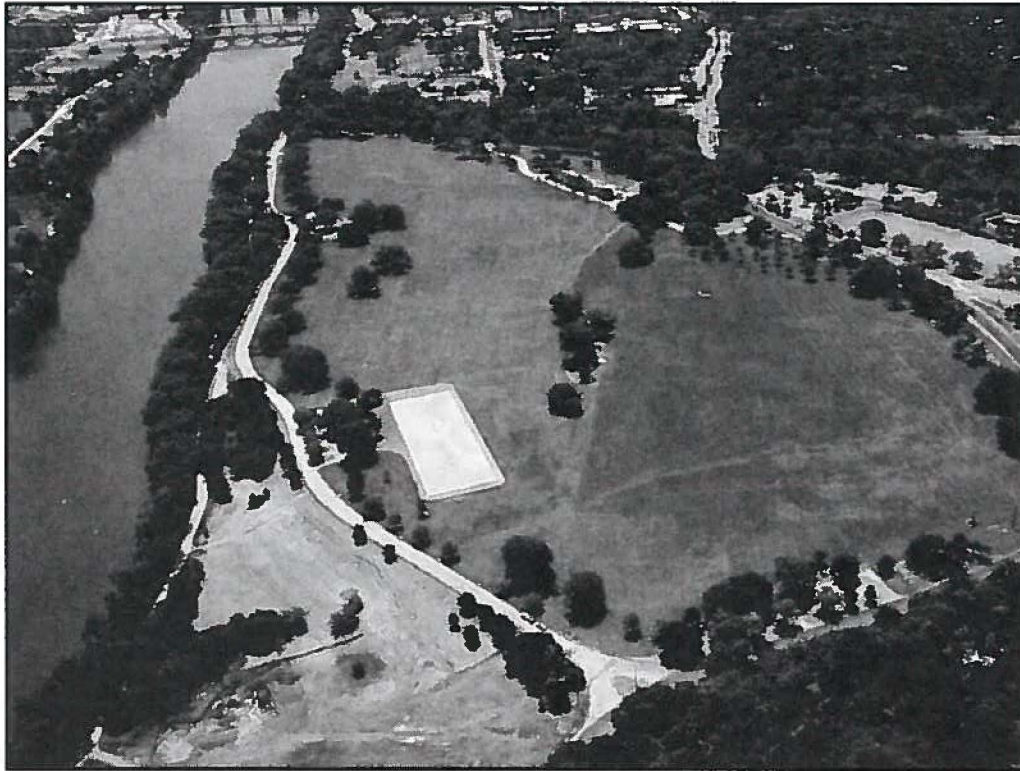
Prepared Soil for grass











What's Next



Austin Parks and Recreation Department
cordially invites you to help celebrate

The Grand Opening of the ZILKER GREAT LAWN

Friday, August 21, 2009, 11:00 A.M.
at the corner of Stratford Dr. and Barton Springs Rd.
Please R.S.V.P. to Victor Ovalle at victor.ovalle@ci.austin.tx.us



The City of Austin is committed to compliance with the Americans with Disabilities Act. Reasonable accommodations to full equal access to our programs and services will be provided upon request. For additional information, call 512.974.3700.

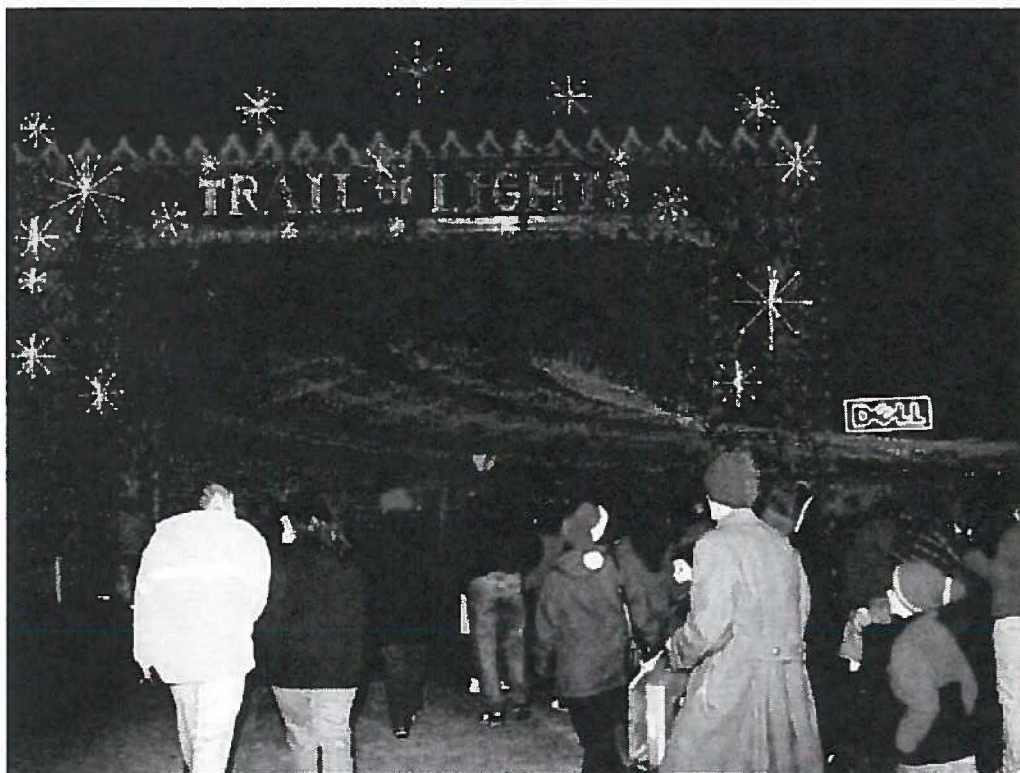


What's Next

- **Park is available for mixed use to inspire visitors to play, imagine, rest and interact with nature and each other.**
- **Will continue to hold the annual:**
 - **Zilker Kite Festival,**
 - **Trail of Lights and**
 - **Austin City Limits Music Festival.**

Zilker Metropolitan Park Stakeholders

- **Met with the following stakeholders:**
 - **Women's Soccer Association on June 26th**
 - **Co-ed Soccer Association on June 26th**
 - **Men's Soccer Association on June 26th**
 - **Zilker Neighborhood Association on July 6th**
 - **Barton Hills Neighborhood Association on July 14th**



Zilker Metropolitan Park Austin City Limits

